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*Illustrated Catalogue*

ESTABLISHED 1835

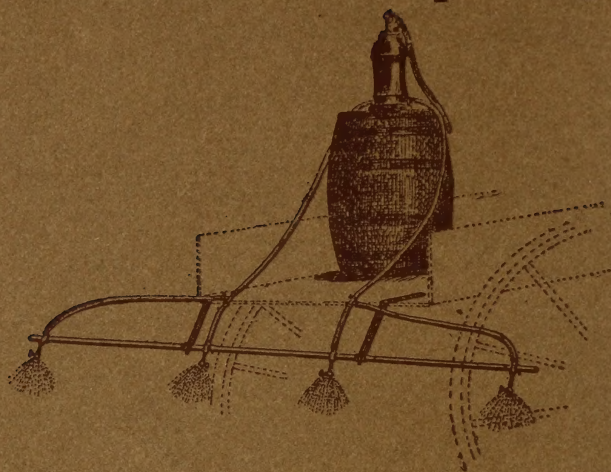
R. B. DUNNING & CO.  
BANGOR, ME.  
1903.

SEEDS,  
AGRICULTURAL  
IMPLEMENTS,  
DAIRY SUPPLIES,  
WOODEN WARE.





# Perfection Sprayer.



The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer was got up to meet the demand for a practical and efficient sprayer at a low price. The power sprayers that have been put on the market during the last few seasons have proved very unsatisfactory, and at a price that is much more than the average farmer is willing to pay.

This sprayer can be readily adjusted to rows any width apart, the liquid is conducted from the pump by two lines of rubber hose, making the pressure on the nozzles uniform, thereby insuring a perfect spray from all of the nozzles at once.

This sprayer is fitted throughout with brass connections, and high pressure rubber hose, the liquid not coming in contact with the iron pipe in any way.

In a great many of the sprayers that are put on the market, the liquid is conducted to the spray nozzle through iron pipe, the action of the Bordeaux Mixture on this pipe soon corrodes it causing the pipe to clog and become unfit for use.

The pump is of large size, strongly constructed, and very powerful, it is also very easy working, one man can easily drive the team and work the pump.

This sprayer is **always ready to do the work when wanted**, it has no complicated parts to get out of order. It is sure, effective and cheap, and is so simple in construction that a child can understand it.

The pump has a dasher agitator which keeps the liquid thoroughly mixed, and is fitted to attach to the head of any oil or kerosene barrel, no extra charge made for fitting to side of barrel, if so ordered, all sprayers fitted with the genuine Vermorel Nozzles, as we consider them to be far superior. We can however furnish them fitted with the Bordeaux Nozzles if so desired.

Every sprayer guaranteed to give perfect satisfaction. We do not furnish barrel with sprayer as they can be obtained nearer home at quite a saving in freight charges.

## PRICES.

Perfection Two Row Sprayer, \$14.00.  
Perfection Four Row Sprayer, \$17.00.



Established  
1835.

**R. B. Dunning & Co.,**

Incorporated  
1897.

**BANGOR, MAINE.**

# Annual Catalogue

## 1903.

We take pleasure in presenting to our patrons and friends our catalogue for 1903.

We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions they must be returned at once.

*In ordering goods* please give your *Name, Post Office* and *State* in full, being particular to *write your name very distinctly*.

*Remittances* can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent in registered letter.

*Orders from unknown correspondents* must be accompanied by a remittance or a satisfactory reference.

*When ordering seeds by Mail*, postage must always be added at the rate of *eight cents per pound*, in quantities of one-fourth pound and upwards. Seeds by packet and ounce will be mailed without extra charge.

In shipping we make no charge for delivery to railroads or express companies.

We are thankful for the generous patronage heretofore given, and intend to continue to merit the same by exercising the utmost care and fidelity in promoting the interests of our customers.

R. B. DUNNING & CO.

### LIBERAL REDUCTION TO CLUBS.

Liberal reductions will be made to persons selecting packet seeds from our Catalogue, at the prices named, and will be forwarded; postage free, to any part of the United States.

Purchasers remitting \$1.00 may select seeds in packets, at Catalogue prices, amounting to \$1.25

"	"	2.00	"	"	"	"	"	"	2.50
"	"	3 00	"	"	"	"	"	"	4.00
"	"	4 00	"	"	"	"	"	"	5.50
"	"	5 00	"	"	"	"	"	"	7.00

This reduction is for *packet seeds only*. Seeds when ordered by the *ounce, pound* or *quart* will not be included.

# Novelties and Specialties for 1903

## White Victor Oats.



This is one of the most productive variety of oats ever introduced. The straw is very stiff holding the heavy head up well. It is early and the grains are large plump and heavy. Plant grows to medium height, of vigorous growth, stools out well and yields an immense crop. They are pure white in color and are entirely free from rust and smut. Most oats raised last season were badly colored, but the White Victor Oats were white and handsome.

A change of seed oats is very necessary to a good crop. In making the change why not get seed of this choice new variety that will insure you an extra large crop.

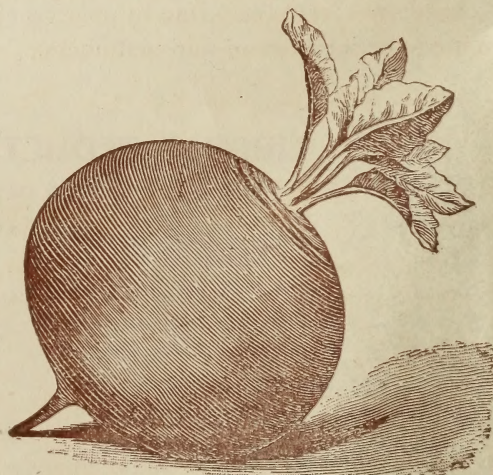
Price: Postpaid, lb., 20c.; 3 lbs., 50c. By Express or Freight, pk., 40c.; bu., \$1.25; 10 bu. lots, \$1.00 per bu. In lots of one bushel or over, there will be a charge of 15 cts., for bags; bags capable of holding  $2\frac{1}{2}$  bushels.

## Dirigo Extra Early Beet.

The earliest variety in cultivation.

Unequaled in quality.

It originated with a leading market gardener, and was brought to perfection after years of careful cultivation. It is a rich blood-red beet of fine grain and flavor, is earlier than either the Egyptian or Eclipse, of smooth and rapid growth; top and tap roots being very small. Market gardeners should not fail to give the Dirigo a trial.



Per pkt., 5c. Per oz., 10c.

Per 1-4 lb., 30c. Per lb., 90c.



## "Early Spring" Cabbage.

The only Extra Early, Round Flatheaded Cabbage in the World. Coming in with the Wakefield, and yielding one-third more than any other Extra Early.



This variety is of the Early Summer Type, but about one-fifth smaller, and has only four to five outside leaves, and these so small that it may be planted twenty-one inches apart, 14,500 to the acre.

Remembering that this is the first early flat variety, the shape that is so popular on all markets, and that it is ready fully a week earlier than any sort like it, its value can be readily appreciated. The stem is short, making almost the whole plant edible. It is finely bred, the veining of the leaves being particularly fine. There is no cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that the finest cabbage, though small, can be obtained long before it has attained its mature size. Its shape and large yield per acre make it particularly valuable for market gardeners, and its good quality will render it the finest early cabbage for private gardens.

Per pkt., 5c. Per oz., 30c. Per 1-4 lb., \$1.00.

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## New Sensation Lettuce.

This remarkable variety has rapidly grown in popularity until it has become the leader among gardeners. No other lettuce thrives so well when grown at any season of the year, withstanding the hottest weather in a remarkable degree. It is a beautiful light yellowish-green color, leaves much blistered on the surface, and has the peculiarity of forming a solid head, even before half grown. Its uniform handsome and even growth is unequalled, and it is one of the easiest to grow. Pkt., 10c.; oz., 25c.; 1-4 lb., 70c.



## Gradus or Prosperity Pea.

*This is a new, very Large, extra Early variety of Wrinkled Pea.*

The most desirable sort for the home and market garden, large podded and of splendid quality.

The vines grow about three feet high and are vigorous and hardy. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other extra early varieties.

They ripen slowly and continue fit for use much longer than most varieties, making this by far the most desirable sort for the home garden. The peas are very large, of splendid quality and beautiful color which they retain after cooking.

Pkt., 10 cts., pint, 30 cts., quart, 50 cts., peck, \$3.50, bush., \$12.00.

If Peas are ordered by mail, add 8 cts. per pint, and 15 cts. per quart for postage.

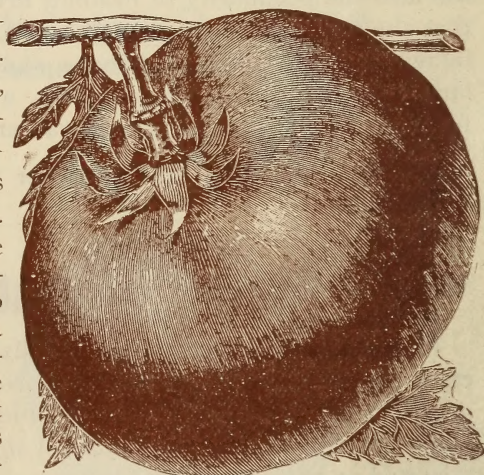


## Chicago, or Warty Hubbard Squash.

An improvement over the old-fashioned Hubbard. Same shape, large size, dark green, almost black; distinguished by a dense covering of knots, which justifies the name of "warted." Very thick flesh, first class quality and a good keeper. Pkt., 5 cts., oz., 20 cts., 1-4 lb., 50 cts., lb., \$1.50.

## New Early Tomato "Freedom."

The plant is medium in size, presenting no peculiarities of foliage or habit. The fruit is borne mainly in clusters, perfectly round, having no sign of concave at the base. Of a bright, dazzling shade of scarlet. The flesh is remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. We have no hesitancy whatever, in recommending it to any class of growers, not only for extra early use, but for a good all round variety, for until quite late in the fall, we have been able to gather good fruit from this variety, and after all others had long since ceased fruiting. Undoubtedly the most prolific of all early tomatoes, and equal in size to the largest of any early sort put on the market. A very valuable acquisition to the tomato list. Pkt., 10c. Oz., 40c. 2 oz., 70c. 1-4 lb., \$1.25.





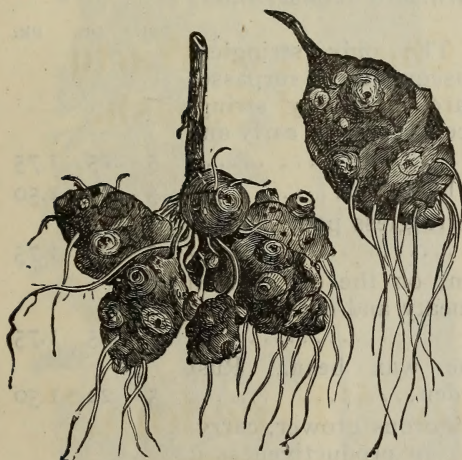
# Selected Northern Grown Vegetable Seeds.

Seeds sent by mail or express as the purchaser may wish. When ordering to be sent by mail, add postage for **Beans and Peas** at the rate of 15 Cents per quart, and to **Corn**, 10 Cents per quart, to catalogue prices.

Bulk seeds by the pound if ordered sent by mail add 8 cents per pound for postage.

Seeds in packets and ounces sent by mail free.

## ARTICHOKE--Jerusalem.



From four to five bushels will seed an acre; they should be cut the same as potatoes, one eye on a piece being sufficient, planted in May, in rows three feet apart and about eighteen inches in the rows, and covered about two inches deep.

They are the best hog food known, and are attracting much attention on account of their great fattening properties, and for milch cows they excel any root grown for increasing the flow of milk, and make it much richer.

An acre will keep from 20 to 30 hogs during the fall and winter months.

They are well adapted to any soil where corn or potatoes can be grown.

**Jerusalem Artichoke.** Tubers per quart, 25 cents; per peck, \$1.00; per bushel, \$3.00.

## ASPARAGUS.

This is one of the first and finest spring relishes which comes to the table from the garden, and it really requires very little trouble in cultivation, since a bed once properly made and planted will last for years. The soil for the bed can hardly be made too rich, and the fertilizer should be well trenched-in to the depth of 2 feet or more. The roots should be planted as early in spring as the ground can be prepared, setting them a foot apart in rows 3 or 4 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seeds may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year.



Pkt. Oz.  $\frac{1}{4}$  lb.

**Colossal.** Widely cultivated; very large, deep green; tender stalks of good flavor; the roots are vigorous and productive. 5 .10 .20



**BEANS—Dwarf or Bush.**

**Improved  
Golden Wax Beans.**

One quart is sufficient for one hundred feet of drill; two bushels for one acre in drills.

A succession of sowings can be made from the first week in May until July. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

*Beans ordered by mail are subject to an extra charge of 15 cents per quart for postage. Pints furnished at quart rates.*

	Pkt.	Qt.	Pk.
<b>Burpee's Stringless Pod Bush Beans.</b> The only stringless green pod bush bean in cultivation, consequently it surpasses all others in crisp tender flavor. All are absolutely stringless, and of a beautiful fleshy appearance. It is very early and very prolific .....	5	.25	1.75
<b>Dwarf Horticultural.</b> A fine early shell bean.....	5	.20	1.50
<b>Currie's Rust Proof.</b> Straight, yellow, stringless pod. Unsurpassed for quality.....	5	.25	1.75
<b>Improved Golden Wax.</b> An improvement on the old Golden Wax. The pod is somewhat round, meaty and entirely rust proof .....	5	.25	1.75
<b>Golden Eye Wax.</b> A hardy handsome wax bean. Rust proof; the best variety for market garden.....	5	.20	1.50
<b>Davis Kidney Wax.</b> This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear waxy white color, and handsome, often growing to a length of seven to eight inches, and when fit for use, are quite stringless and of fine flavor .....	5	.25	2.00
<b>Giant Stringless Green Pod.</b> Produce vines similar to Red Valentines, but develops pods to edible condition quite a few days earlier. The pods are green, not quite so round as valentines, less curved and much larger. They are stringless. This quality at once placing this variety at the top of the list of table beans. Very productive .....	5	.30	2.00
<b>Low's Champion.</b> One of the best for either snap or shell beans. Very productive; large, green, flat pods.....	5	.25	1.75
<b>Refugee Wax.</b> Long, round, yellow wax pods, very productive, and not inclined to rust.....	5	.25	1.75
<b>Cleveland's Improved Valentine.</b> One of the most popular of all the varieties of bush beans.....	5	.20	1.50
<b>Long Yellow Six Weeks.</b> Hardy and prolific, an excellent early string bean.....	5	.20	1.50



	Pkt.	Qt.	Pk.
<b>Yellow Eye. (Old Fashioned.)</b> Very productive; not as large as the improved, but of better quality for baking.....	5	.15	1.00
<b>Improved Yellow Eye.</b> Very prolific; fine for baking.....	5	.15	1.00
<b>Improved White Pea.</b> Excellent for baking.....	5	.15	1.00

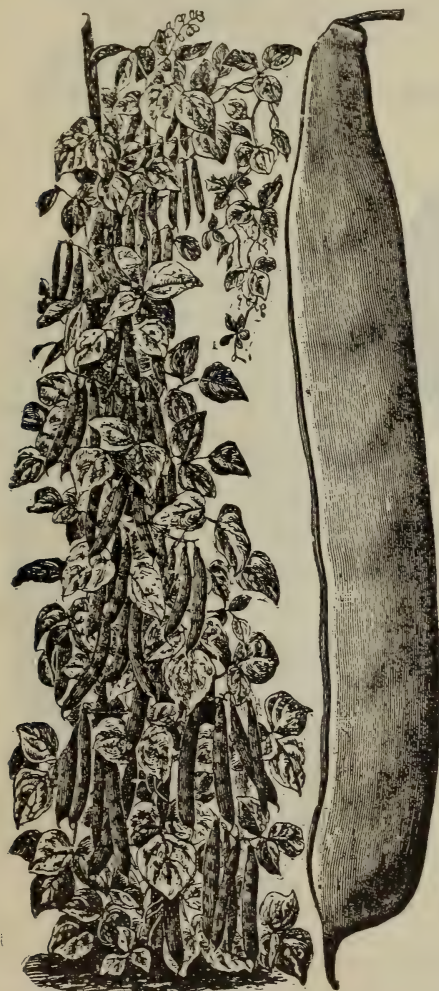
**BEANS.—Pole or Running.**

One quart will plant one hundred hills, ten to twelve quarts to the acre.

These are more tender, and require rather more care in culture than the bush beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

*Beans ordered by mail are subject to an extra charge of 15 cents per quart for postage. Pints furnished at quart rates.*

	Pkt.	Qt.	Pk.
<b>Horticultural Pole.</b> The most popular variety for both string and shell beans.....	5	.20	1.50
<b>Mammoth Horticultural.</b> An improvement over the common Horticultural, being very much larger and much more productive. As a market shell bean it has no equal.....	5	.30	2.00
<b>Indian Chief or Black Wax.</b> A very tender string bean.....	5	.25	1.75
<b>Mont d'Or, or Golden Butter.</b> Earliest of the wax pole varieties, unsurpassed in quality	5	.25	1.75



**Lazy Wives Pole Beans.**

**Lazy Wives.** Immensely popular everywhere. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Such is the peculiar taste and pleasant flavor of this bean that many persons could not be induced to eat other varieties of string beans, after tasting Lazy Wives. Excellent for shelling or baking .....

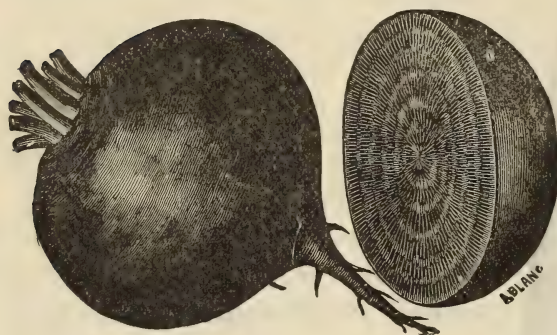
5 .30 2.00

	Pkt.	Qt.	Pk.
<b>Early Jersey Lima.</b> Of large size. Very tender and of delicious flavor. Very early. Out of a number of varieties that we have tried we found this to be the most desirable sort for this climate .....	5	.30	2.00
<b>Scarlet Runners.</b> Very ornamental, free climber with bright scarlet flowers .....	5	.30	
<b>White Dutch Runners.</b> Large, white flowers; often planted with the scarlet variety; the effect is very beautiful.....	5	.30	

## BEETS.

One ounce to fifty feet of drill; six pounds to the acre.

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches; for the main crop sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and



**Dewing's Early Blood Turnip Beet.**

storing the roots, care must be taken that they are not bruised.

Pkt. 2 oz. ¼ lb 1b

<b>Crosby's Egyptian.</b> This variety resembles the Egyptian only in its extreme earliness. It grows much larger and lighter colored. It is one of the best sorts for early planting as it reaches a usable size sooner than any other sort .....	5	.10	.20	.60
<b>Dirigo Extra Early.</b> (See page 2.)				
<b>Eclipse.</b> This variety is about as early as the Egyptian, but of larger and finer quality.....	5	.10	.20	.60
<b>Bastian's Early Blood Turnip.</b> Larger than the Egyptian and follows it and the Eclipse in point of earliness; not so dark in color.....	5	.10	.20	.60
<b>Dewing's Blood Turnip.</b> Of fine form and flavor and deep blood red; a desirable variety.....	5	.10	.20	.60
<b>Long Smooth Blood Red.</b> This is a long, smooth beet, growing to good size.....	5	.10	.20	.60
<b>Edmand's Early Blood Turnip.</b> The largest sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with marketmen.....	5	.10	.20	.60
<b>Swiss Chard.</b> Used for greens.....	5	.10	.20	.60



# Sugar Beets

—AND

# Mangel Wurzels.



Varieties Grown for Feeding Stock  
(Sown in May or early in June.)

Six Pounds Per Acre.



Improved Mammoth Long  
Red Mangel Wurzel.

2 oz.    ¼ lb    1 lb

**Lane's Improved Sugar Beet.**

A well known variety; valuable for feeding to cattle. .10 .15 .35

**Long Red Mangel Wurzel.**

This variety produces roots of large size and excellent quality .10 .15 .35

**Yellow Globe Mangel Wurzel.**

Roots of large size and globular form; very productive .10 .15 .35

**Improved Mammoth Long**

**Red Mangel Wurzel.** A variety producing roots of mammoth size. .10 .15 .35

**Carter's Warden Orange**

**Globe.** One of the best globe varieties in cultivation .10 .15 .35

**Golden Tankard.** A half long

variety of a bright yellow color .10 .15 .35

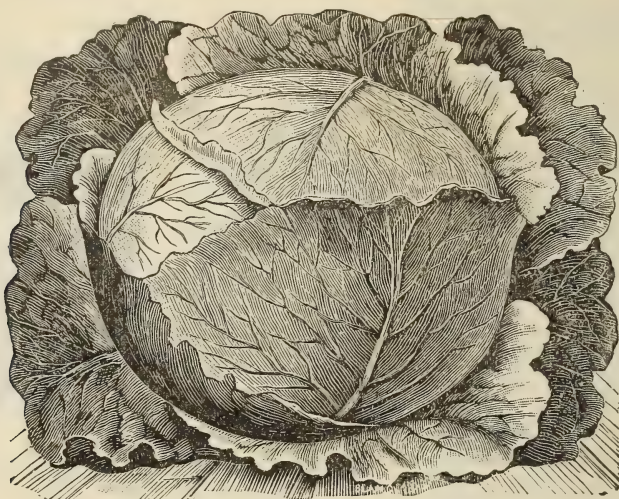
**Norbiton Giant Mangel Wurzel.**

Extra fine Long Red, very large .10 .15 .35

**CABBAGE.**

One ounce will produce about three thousand plants.

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full sized heads. A heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hot-beds, or later in the open ground. Eighteen inches by three feet apart is the common distance.



**Fottler's Improved Brunswick Cabbage.**

	Pkt.	Oz.	$\frac{1}{4}$ lb.
<b>Early Spring Cabbage.</b> (See page 2.)			
<b>Early Winningstadt.</b> An excellent sort; heads of large size...	5	.20	.60
<b>Early Jersey Wakefield.</b> This is the standard early pointed-head cabbage. For the market garden it is the best, and for early home use all should have it.....	5	.20	.60
<b>Henderson's Early Summer.</b> The standard summer variety. Unexcelled for the market garden and good for home use....	5	.20	.60
<b>All Seasons' Cabbage.</b> Early; solid and sure headed.....	5	.20	.60
<b>Fottler's Improved Brunswick.</b> An excellent early Drumhead variety; produces a firm and solid head.....	5	.20	.60
<b>Henderson's Succession.</b> One of the finest for a second early or late sort .....	5	.20	.60
<b>Autumn King.</b> Entirely distinct, one of the best keepers, enormous sized head, of that dark shade of green, which is most desirable in a cabbage, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts; therefore can be relied upon to produce a greater weight of crop per acre than any other variety. A distinct feature of the Autumn King is the peculiarly crimped leaves, which not only adds to its appearance, but enables it to be distinguished anywhere .....	5	.20	.60



**Sure Head Cabbage.**

broad and quite thick. The head is oval and very large for size of plant, solid and of good quality. It matures just after the All Seasons' Cabbage, and is very popular with gardeners.

**Mammoth Rock Red.** This is the best, largest and surest heading red cabbage ever introduced. The head is large, round, very solid and of deep red color .....

**Sure Head Cabbage.** Produces large, round, flattened heads of the Flat Dutch type, and is remarkable for its certainty to head. It is all head and sure to head even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and ordinarily weigh from 10 to 15 pounds each. Has but few leaves, keeps well. A good shipper, and just the variety to suit market gardeners and farmers.

**Premium Flat Dutch.**

The old standard variety for main crop. It has long stood the test, and is yet one of the very best .....

**Stone-Mason Drumhead.**

One of the very best for a main crop .....

**Deep Head.**

An early strain of the Flat Dutch type. The plant is rather below medium size, very short stemmed and few leaved.

The leaves are large,

Pkt. Oz. ¼ lb.

5 .20 .60

5 .20 .60

5 .20 .60

5 .20 .60

5 .20 .60

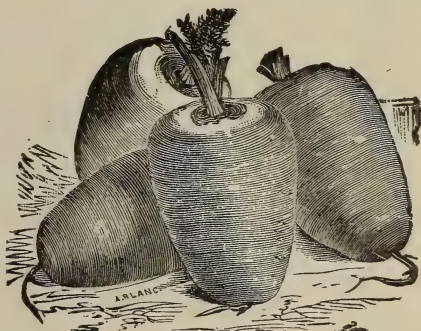
**CARROTS.**

One ounce to one hundred feet of drill three to four pounds to the acre.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well enriched sandy loam is the best for this crop. For field culture, sow in drills, three to three and one-half feet apart, so as to cultivate by horse. Market-gardeners sow in drills about eighteen inches apart, and cultivate by hand. For early crops cover one-half an inch deep, and thin to six inches apart, in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

**Long Orange.** Roots of large size, heavy cropper and excellent keeper .....

**Danver's Half Long.** In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows very smooth. Very productive.

**Ox Heart Carrot.**

Pkt. 2 oz. ¼ lb. lb.

5 .10 .20 .75

5 .15 .25 .75

	Pkt.	2 oz.	¼ lb	lb
<b>New Ox Heart.</b> A very early and heavy yielder.. Thick and short in form, scarlet in color .....	5	.15	.25	.75
<b>Long White Belgium.</b> Large, long rooted variety; valuable for feeding .....	5	.15	.25	.75



**Henderson's Early  
Snowball Cauliflower.**

## CELERY

One ounce of seed produces about four thousand plants.

To have celery early, it should be sown in a hot-bed quite early in the spring, and when three inches high plant out in a well prepared bed, which must be covered in frosty weather. For the principal crop, sow early in spring, very shallow in the seed-bed, and when the plants are about six inches high, transplant them about six inches apart into trenches for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well rotted manure, and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.

	Pkt.	Oz.
<b>Boston Market.</b> A favorite variety, remarkable for its tender, crisp, succulent stems, keeps well .....	5	.20
<b>Henderson's White Plume.</b> Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in bleaching.....	5	.20
<b>Golden Self-Bleaching.</b> A self-bleaching, early golden-colored variety that is very popular.....	5	.25

## CAULIFLOWER.

One ounce will produce about three thousand plants.

Any soil that will grow early Cabbages will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well paid.

The seeds may be sown in the hot-bed in March or April and transplanted to open ground about the first of May.

	Pkt.	Oz.
<b>Henderson's Early Snowball.</b> A very reliable early variety .....	.10	2.00



**Golden Self-Bleaching  
Celery.**

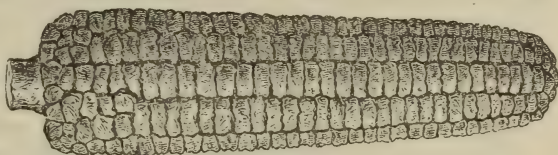


**CORN—Sweet.**

One quart to two hundred hills, ten quarts to an acre.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession continue planting every two weeks, until July, in rich, well-manured ground, in

hills three feet apart each way, covering about half an inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

**Cory Corn.**

*Corn ordered by mail is subject to an extra charge of ten cents per quart for postage. Pints furnished at quart rates.*

Pkt. Qt. Pk. Bu.

**Early Cory. (Red**

**Cob.)** A very early dwarf variety, an excellent sort, sweet and good flavor .....

5 .20 1.00 3.50

**White Cory.**

Similar to the above, but with white cob and white kernels .....

5 .20 1.25 4.00

**Early Marblehead.**

This resembles very closely the Cory, but is not so early .....

5 .20 1.25 4.00

**Early Crosby.**

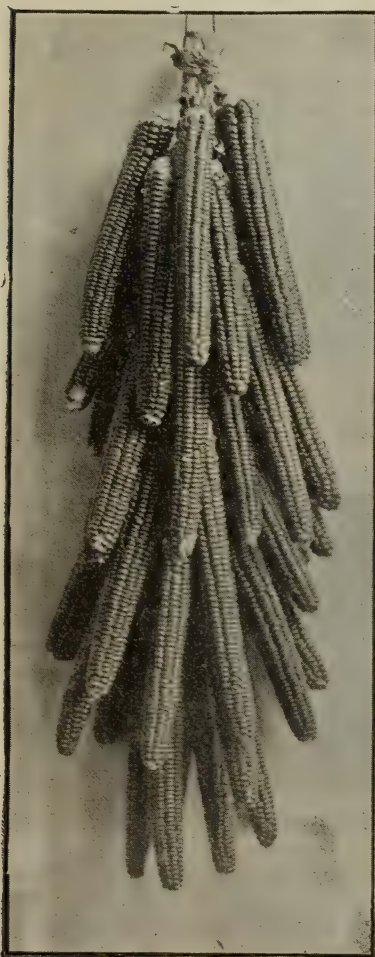
Not so early as the Cory or Marblehead; of very rich sugary flavor.....

5 .20 1.25 4.00

**Late Crosby.**

This resembles the Early Crosby. It has the same rich sugary flavor. Ears large and well filled. Kernels white. About one week later than the Early Crosby. One of the best medium late table and market varieties ever introduced...

5 .20 1.25 4.00

**Early Yellow Canada Corn.**

	Pkt.	Qt.	Pk.	Bu.
<b>Stowell's Evergreen.</b> This is a strain of this late variety of sweet corn that will mature in this climate. We have been troubled in the past by our Evergreen Sweet Corn not maturing, owing to the short season in this section. We have tried this strain for the past two seasons and have been very much pleased with it. All lovers of sweet corn should not fail to try this variety. It is very large and deep kerneled with a sweet sugary flavor.....	5	.20	1.25	4.00
<b>Black Mexican.</b> Grain bluish black but is especially rich in sugar qualities.....	5	.20	1.25	4.00

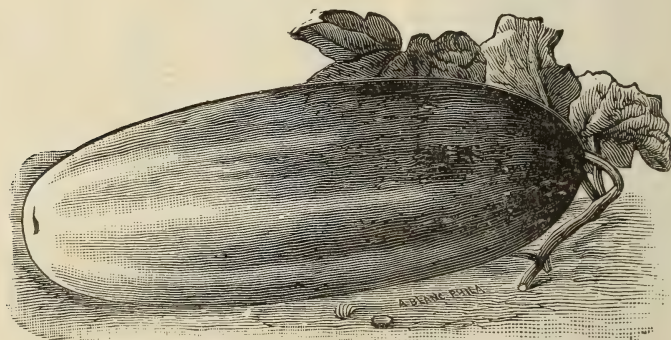
**CORN—Field.**

	Qt.	Pk.	Bu.
<b>Early Yellow Canada.</b> A very early eight-rowed variety....	.10	.50	1.50
<b>Red Cob Ensilage.</b> A pure white corn. It is sweet, tender and juicy, has short joints, grows to a great height with an abundance of leaves.....	.10	.40	1.50
<b>Evergreen Sweet Fodder.</b> For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment. Also popular as a silo variety.....	.10	.50	2.00
<b>Early Sanford.</b> A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well, and if planted early will come to maturity .....	.10	.50	1.75

**CRESS OR PEPPER GRASS.**

A well known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

	Pkt.	Oz.
<b>Double Curled.</b> Very fine; may be cut two or three times.....	5	.15

**CUCUMBER.****Improved White Spine Cucumber.**

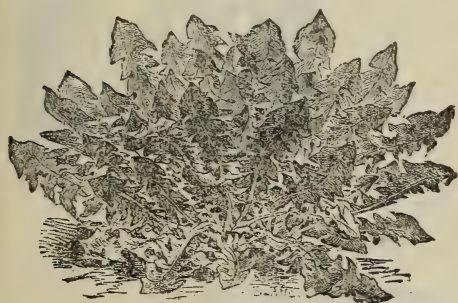
One ounce to fifty hills.

The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich loamy ground. The hills should be four or five feet apart in each direction.

When all danger from insects is passed, leave but three or four of the strongest plants in the hill.



	Pkt.	oz.	$\frac{1}{4}$ lb	lb
<b>Early Russian.</b> The earliest variety .....	5	.20	.45	1.50
<b>Early Frame.</b> An early standard variety; about five inches long .....	5	.20	.45	1.50
<b>Improved White Spine.</b> Superior for table use, very productive, medium sized, straight and well formed.....	5	.20	.60	2.00
<b>Nichols' Medium Green.</b> This is a very fine table variety, and also good for early forcing. Color, dark green; flesh very crisp; very prolific, and always straight, smooth and handsome. It also makes a very desirable sort for pickles .....	5	.20	.60	2.00
<b>Early Green Cluster.</b> Grows in clusters, early and productive .....	5	.20	.50	1.75
<b>Improved Long Green.</b> Long and crisp; a popular and reliable variety for pickles.....	5	.20	.60	2.00
<b>Boston Pickling.</b> The finest variety to grow for pickles.	5	.20	.50	1.75

**DANDELION.****Improved Thick-Leaved Dandelion.**

One ounce to one hundred feet of drill.

The Dandelion resembles Endive, and affords one of the earliest, as well as one of the most healthful of spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

Pkt. Oz.  $\frac{1}{4}$  lb.

**Improved Thick-Leaved.** Best variety .10 .50 1.60

**ENDIVE.**

Endive may be grown at any season of the year, but is more generally used late in the fall. Sow the seed during May or June, in drills fourteen inches apart, and when well established thin to one foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant. By covering every few days a succession may be kept up.

**Green Curled.** This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched, and become very crisp, tender and fine flavored .....

Pkt. Oz.

5 .20

**Green Curled Endive.**

**White Curled.** By far the most beautiful variety. Plants moderately dense with divided leaves, which are coarser and less tender than those of the Green curled; but even the outer leaves are very light colored, frequently white, so that the plant is very attractive and always brings the highest price on the market. . . . . 5 .20

### LEEK.

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose quill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

**London Flag.** Is the variety more cultivated in this country than any other. It is hardy and of good quality . . . . . 5 .20 .60

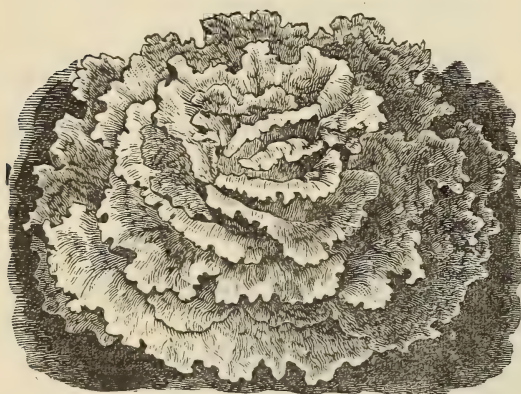


London Flag Leek.

### LETTUCE.

One ounce to one hundred and twenty feet of drill.

Lettuce thrives best in rich, moist ground. Sow the seed in hot-beds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops sowings may be made in the open ground as early as the spring opens, and continuing until July.



Big Boston Lettuce.

	Pkt.	Oz.	¼ lb.
<b>Early Tennisball.</b> White seeded Extensively grown for forcing and heading under glass, heads firm and good size; very white and crisp . . . . .	5	.15	.50
<b>Early Tennisball.</b> Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender . . . . .	5	.15	.50
<b>Boston Curled.</b> A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table. . . . .	5	.15	.50
<b>New Sensation.</b> (See page 3.)			
<b>Black Seeded Simpson.</b> Heads very large, with light colored leaves, leaves being almost white. Stands summer heat splendidly and remains long fit for use . . . . .	5	.15	.50



	Pkt.	Oz.	¼ lb.
<b>Ferry's Early Prize Head.</b> Forms a large, tender and crisp mass of leaves of superior flavor, and very hardy. Slow to run to seed and does not become bitter as early as many other sorts .....	5	.15	.50
<b>Big Boston.</b> This is a new, very large strain of White Tennis-ball or Boston Lettuce excelling all other strains in size. Of great value to market gardeners .....	5	.15	.50
<b>White Cabbage.</b> Large, extra tender, and is a good keeper....	5	.15	.50

**MELON—Musk.**

One ounce for sixty hills; two to three pounds for an acre.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. After all danger of frost is past plant twelve or fifteen seeds in each hill, and when well up, thin out to three or four plants in each hill.

	Pkt.	Oz.	¼ lb.
<b>Nutmeg.</b> Named from its shape; flesh green and sweet.....	5	.10	.25
<b>Large Round Yellow Cantelope.</b> Flesh reddish orange, sweet and of good flavor; an early and productive variety.....	5	.10	.25
<b>Miller's Cream.</b> This is one of the finest all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality .....	5	.10	.25
<b>Extra Early Hackensack.</b> A green-fleshed nutmeg, of splendid quality. It is very early and a prolific bearer.....	5	.10	.25

**MELON—Water.**

One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Musk Melon.

**Citron Preserving Melon.**

	Pkt.	Oz.	¼ lb.
<b>Vick's Early.</b> Productive, early and finely flavored; red flesh.....	5	.10	.25

<b>Mountain Sweet.</b> One of the best for general culture .....	5	.10	.25
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<b>Citron.</b> The standard variety for preserves..	5	.10	.25
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**MUSTARD.**

Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad, or cut and boiled for greens. The seed is used for flavoring pickles, etc.

	Pkt.	Oz.	¼ lb.
<b>White London.</b> The leaves are light green, mild and tender when young; seeds light yellow .....	5	.10	.25

**ONION.**

One ounce to one hundred feet of drill; five pounds to the acre.

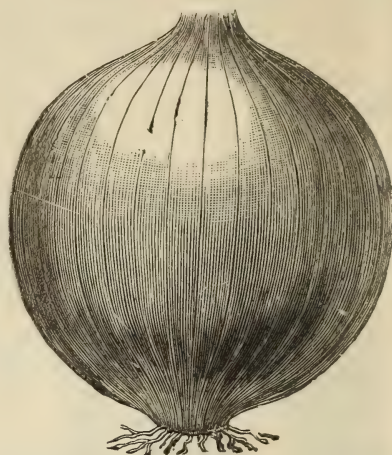
No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart, and cover about one-third of an inch, treading or rolling after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.

**Large Red Wethersfield.**

Large size, productive and a good keeper....

Pkt. oz. ¼ lb lb

5 .15 .50 1.50

**Yellow Globe Danvers Onion.**

Pkt. oz. ¼ lb lb

5 .15 .50 1.50

5 .15 .50 1.50

5 .20 .60 2.00

5 .20 .60 2.00

**Extra Early Red Globe.** A very early variety, of medium size and deep red color; an abundant producer, and of good form and flavor, keeping well .....

**Yellow Globe Danvers.** The most profitable variety to raise, very productive, a good keeper, of mild flavor, and always meets with ready sale.....

**American Silver Skin.** Flavor mild and pleasant. Skin silver white. Handsome in appearance. Highly esteemed for pickling when young; also for market in early winter .....

**Prize Taker.** This is one of the best of the huge foreign varieties. When started under glass and transplanted into open ground they bottom well, are nearly free from stiff necks, and when offered for sale always attract marked attention. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds .....



Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop, and grow in any good soil. Add ten cents per quart if sent by mail.

	Per Qt.	Per Pk.
White Sets .....	25	1.75
Yellow Sets .....	.20	1.50

	Per Qt.	Per Pk.
Potato Onion Sets .....	.20	1.00
Top Onion Sets .....	.25	1.50

For larger quantities prices will be given on application.



**PARSLEY.**

One ounce to hundred and fifty feet of drill.

Parsley requires rich, mellow soil: sow thickly in drills, one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar.

Pkt. Oz.  $\frac{1}{4}$  lb.

Doubled Curled ..... 5 .10 .25



Double Curled Parsley.

**PARSNIP.**

One ounce for two hundred feet of drill; five pounds to the acre.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

Pkt. oz.  $\frac{1}{4}$  lb. lb

**Abbott's Improved, or Long Smooth.** Smooth and quite

large; one of the best. .... 5 .10 .25 .75

**PEAS.**

One quart to seventy-five feet of drill; two to three bushels to the acre.

Peas for an early crop should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry and well sheltered. Mild manure, such as leaf mould, has a beneficial effect; but for many of the varieties, the soil cannot be too rich. For general crops the ground should be well manured the previous year which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.



Nott's Excelsior Peas.

*Peas ordered by mail are subject to an extra charge of fifteen cents per quart for postage. Pints furnished at quart rates.*

**Extra Early Varieties,**

Gradus or Prosperity. (See page 4.)

Pkt. Qt. Pk. Bu.

**Cleveland's Eclipse Pea.** The earliest and most productive pea as compared with the hitherto earliest known pea on record. Grows about two feet high. Seed green wrinkled. Smaller than the American Wonder, the pods of which it resembles. Pods true American Wonder in shape and size. A most desirable sort for canners, market gardeners or private family use..... 5 .30 2.00 7.00

**Cleveland's Alaska.** A very early variety, smooth, blue, prolific and sweet. Height two feet; very desirable for early market gardening..... 5 .25 1.60 5.50

**Nott's Excelsior.** One of the most valuable of all the wrinkled dwarf peas. As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows a half taller than the American Wonder, and is a much heavier cropper. 5 .30 2.00 7.00

**Bliss' American Wonder.** One of the earliest and best known wrinkled dwarf varieties, grows about nine inches high, and is covered with well filled pods..... 5 .30 2.00 7.00

**Premium Gem.** A dwarf, prolific, green, wrinkled marrow, very early; about nine inches high ..... 5 .25 1.75 6.00

**Laxton's Alpha.** A very early wrinkled sort. Very prolific bearer, of fine quality, pods being large and well filled ..... 5 .25 1.75 6.00

**Second Early Varieties.**

**Dwarf Telephone.** A new variety with dwarf vines, bearing large handsome pods, with peas of highest quality, without the long vines of the Telephone, and regular and uniform in growth. Height eighteen inches, stocky, healthy and vigorous, with almost no tendency to sport, and from five to seven days earlier than the Stratagem. Pods; long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor ..... 5 .30 2.00 7.00

**Pride of the Market.** Grows from eighteen inches to two feet high, and bears grand pods, well filled with large and finely flavored peas. Its robust constitution, enormous productiveness and superior appearance, insure its acceptance as a market favorite ..... 5 .25 1.50 5.50

**McLean's Advancer.** An early, green wrinkled variety, of delicious flavor; grows about two feet high..... 5 .25 1.50 5.50

**Bliss' Everbearing.** Fine wrinkled marrow; pods three to four inches long, well filled with large peas; grows about two feet high ..... 5 .25 1.50 5.50

**Heroine.** Grows about two and one-half feet high. A wrinkled variety of robust growth. It produces abundantly, long, pointed, well-filled pods, which contain from eight to nine fine, large peas ..... 5 .25 1.50 5.50



**For General Crop.**

	Pkt.	Qt.	Pk.	Bu.
<b>Carter's Telephone.</b> A wrinkled variety of superior quality. It produces an abundance of large, handsome pods, filled with immense peas, which are tender, sweet and of excellent flavor; grows about three feet high .....	5	.25	1.75	6.50
<b>Duke of Albany, or American Champion.</b> One of the best large podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet, the pods are large, dark green and well filled with large, tender peas of delicious flavor .....	5	.25	1.75	6.50
<b>Improved Stratagem.</b> A dwarf wrinkled pea of branching habit. The pods are of immense size, very uniformly filled with very dark green peas of the finest quality; an immense cropper. Grows about two feet high .....	5	.25	1.75	6.50
<b>Champion of England.</b> Universally admitted to be one of the richest and best flavored peas grown; grows about five feet high.....	5	.25	1.50	5.00
<b>Yorkshire Hero.</b> A green, wrinkled variety of branching habit; very productive and fine flavor; grows about two and one-half feet high .....	5	.25	1.50	5.00
<b>Dwarf Champion.</b> Has all the good qualities of the Champion of England, but does not grow so high; grows about two and one-half feet high .....	5	.20	1.50	5.50
<b>Veitch's Perfection.</b> A green, wrinkled variety of large size, very productive and excellent quality; grows about three feet high.....	5	.25	1.50	5.50
<b>Blue Imperial.</b> A standard old variety and makes an excellent dry pea for winter use.....		.20	1.25	4.00
<b>White Marrowfat.</b> One of the best late varieties; very productive .....		.10	.75	2.50
<b>Black-eyed Marrowfat.</b> An excellent field pea, hardy and productive .....		.10	.75	2.75
<b>Canada Field.</b> Extensively used for field culture.....			.60	2.00
<b>Tall Gray Sugar.</b> A very superior variety of the edible pod sort. Pods very tender and sweet .....	5	.30	1.75	6.00

**PEPPER.**

One ounce will produce fifteen hundred plants.

Grown largely for pickles. Sow in the hot bed early in April, and transplant into the open ground when the weather is favorable. The plants should be set in warm, mellow soil, in rows eighteen inches apart. The seed may also be sown in the open ground, when danger from frost is passed, and the soil is dry and warm. Cultivate in the usual manner, and the crop will be fit for use early in September.

**Large Bell.** Large and of mild flavor .....

Pkt. Oz.

5 .30

**Bell Pepper.**

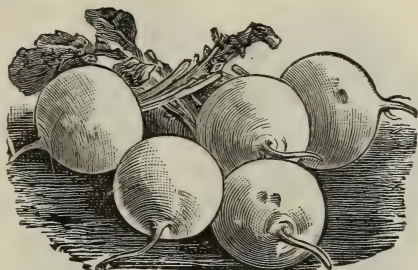




**RADISH.**

One ounce to one hundred feet of drill.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot bed in February.

**White Pearl Radish.**

	Pkt.	oz.	¼ lb	lb
<b>Long Scarlet Short Top.</b> Very long and crisp.....	5	.10	.25	.75
<b>Early Scarlet Turnip.</b> Round, scarlet, small, mild and crisp	5	.10	.25	.75
<b>Lady Finger.</b> Long, slender and of a beautiful snow white. It is of rapid growth, remarkably crisp, brittle and tender. Quality desirable for the market or home garden.	5	.10	.25	.75
<b>White Pearl Radish.</b> Seventeen days from planting to the table. The quickest on record. Pearly white, globe shaped, small top; quality unparalleled; very sweet, tender and crisp. Equally adapted for forcing or growing out of doors .....	5	.20	.50	1.50
<b>French Breakfast.</b> A favorite oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing .....	5	.10	.25	.75

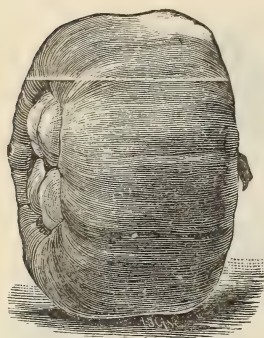
**SPINACH.**

One ounce to one hundred feet of drill.

**Long Standing Spinach.**

Sow in early spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use, sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

	Pkt.	oz.	¼ lb	lb
<b>New Thick Leaved.</b> Has very large and thick leaves.....	5	.10	.20	.50
<b>Long Standing.</b> An improved round seeded strain of excellent merit, having all the good qualities of the ordinary sorts, and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners .....	5	.10	.20	.50
<b>New Zealand.</b> This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where the ordinary spinach does badly. Has a luxuriant growth of succulent leaves which can be cut through the entire summer	5	.10	.30	1.00

**SQUASH.****Turban Squash.**

One ounce of summer varieties will sow forty hills; one ounce winter varieties will sow fifteen hills; four pounds per acre.

Any good rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart, for running sorts, ten feet. Leave two plants to a hill and keep covered in the early stages with plaster.

	Pkt.	oz.	¼ lb.	lb.
<b>Summer Crookneck.</b> Early, productive and of good quality; fruit bright yellow .....	5	.10	.30	.90
<b>White Bush Scalloped.</b> An early flat scalloped shaped variety; very productive .....	5	.10	.30	.90
<b>Turban.</b> Early fall variety; orange-yellow flesh of good flavor .....	5	.10	.30	.90
<b>Hubbard.</b> One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine grained, very dry, sweet and rich flavored; keeps perfectly good throughout the winter.....	5	.20	.50	1.50
<b>Chicago or Warty Hubbard.</b> (See page 4.)				
<b>Boston Marrow.</b> A fall and winter variety, very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality .....	5	.10	.30	.90
<b>Early Prolific Marrow.</b> Earlier than the Boston Marrow. Very productive, and grows to weigh from seven to twenty pounds. Its color is most attractive, a brilliant orange red. Quality excellent when mature, and a good keeper .....	5	.15	.35	1.00

**SUNFLOWER.**

**Large Russian.**.....Per pound, 15 cents

**TOBACCO SEED.**

	Pkt.	Oz.	¼ lb.
<b>Connecticut Seed Leaf.</b> Best adapted to the climate of the Northern states, as it is more hardy and endures the cold better than the tender varieties grown south .....	5	.30	1.00



## TOMATO.

One ounce will produce fifteen hundred plants. This vegetable is one of the most important of all garden products. They thrive best in a warm, light rich soil. For early plants, sow about the first week in March in a hot bed; or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.



Crimson Cushion Tomato.

**New Early Freedom Tomato.** (See page 4.)

	Pkt.	Oz.	¼ lb.
<b>Livingston's Beauty.</b> Color very glossy crimson; grows in clusters of four or five fruits; large and solid .....	5	.25	.75
<b>Livingston's Favorite.</b> Productive; good flavor; few seeds; flesh solid; smooth and handsome.....	5	.20	.60
<b>Livingston's Perfection.</b> Early, large, smooth and solid, blood-red color .....	5	.25	.75
<b>Trophy.</b> Very large, solid and of fair quality .....	5	.20	.60
<b>Atlantic Prize.</b> This tomato is the result of many years' careful selection by one of the most successful tomato-growers of New Jersey. It is very early, fruit is of good size, round, very solid, and of excellent quality.....	5	.25	.75
<b>Dwarf Champion.</b> This is an early variety, which forms very stout strong plants, about two feet high. The branches are short, making a bushy plant that stands quite erect without stakes. Fruit smooth, medium sized, fairly solid, but has no hard core, and is of good flavor.....	5	.25	.75
<b>Crimson Cushion.</b> For so large a tomato it is very early, very smooth, of a bright scarlet crimson. Ripens almost completely to the stem end. The flesh is so firm and solid that it requires four times the quantity to produce a pound of seed that it does of ordinary sorts. Without doubt the most prolific of any variety yet brought out. A grand tomato for slicing or canning .....	5	.25	.75
<b>New Stone.</b> Of a bright scarlet color. Very large and very smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; a good keeper; without hard core and not subject to rot. A great yielder .....	5	.25	.75

**TURNIP.**

One ounce for one hundred and fifty feet of drill; one to two pounds in drills for an acre.

Turnips do best in highly enriched, light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. For a continuous supply through the season, sowings should be made every two weeks until the last of July; from which time until the middle of August the principal sowings are made for the fall and winter use. Swedish or Ruta Baga turnips are largely grown for a farm crop, as well as for the table; make sowings from the tenth of June until the first of July, in drills two to three feet apart, and the plants when well up should be thinned to ten inches apart. They are best preserved in a pit or cellar during the winter, and are excellent for the table early in the spring.



**Carter's Imperial Swede  
Ruta Baga.**

**Carter's Imperial Swede Ruta Baga.** A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and heavy yielder....

Pkt. 2 oz.    ¼ lb    1 lb

5    .10    .15    .50

**American Purple Top Ruta Baga.**

Flesh solid, yellow, sweet and of fine flavor. An excellent keeper for winter use.....

5    .10    .20    .60

**Skirving's Purple Top Ruta Baga.**

A very popular variety. Large, yellow, firm flesh, sweet and a good keeper .....

5    .10    .20    .60

**Purple Top Strap Leaf.** Best variety for main crop; equally good for spring or fall sowings; white flesh .....

5    .10    .15    .50

**White Egg.** Oval, early, handsome and sweet.....

5    .10    .15    .50



**Purple Top Strap  
Leaf Turnip.**

**HERB SEEDS.**

	Pkt.	Oz.		Pkt.	Oz.
Sweet Marjorum .....	5	.20	Summer Savory.....	5	.20
Sage .....	5	.20	Balm .....	5	.20



**VEGETABLE PLANTS AND ROOTS.**

	Per Doz.	Per 100.
Asparagus Roots. Strong one-year-old roots .....	.25	1.50

**CABBAGE PLANTS.****Cabbage Plants—For Winter Crop.****Ready May 1st****Ready June 15th**

	Per 25	Per 50	Per 100	Per 1000		Per 25	Per 50	Per 100	Per 1000
Early Summer.....	.25	.40	.75	7.00	All Seasons.....	.20	.35	.60	5.00
Early Jersey Wakefield	.25	.40	.75	7.00	Autumn King.....	.20	.35	.60	5.00
Fottler's Brunswick...	.25	.40	.75	7.00	Mam. Rock Red.....	.25	.50	.80	7.00
All Seasons.....	.25	.40	.75	7.00	Fottler's Brunswick...	.20	.35	.60	5.00

Our Cabbage plants are set out in boxes of 25, 50 and 100, large lots are packed in moss.

**CAULIFLOWER PLANTS.****Ready May 1st**

Henderson's Early Snowball.....	Per Doz. 20 cts.	Per 100, \$1.00
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Put up in boxes of 12, 25 and 100.

**CELERY PLANTS.****Ready June 1st**

	Per 25	Per 50	Per 100.
Golden Self Bleaching.....	.25	.40	.75
Boston Market.....	.25	.40	.75
White Plume.....	.25	.40	.75

Put up in boxes of 25, 50 and 100. Prices on larger lots quoted on application.

**PEPPER PLANTS.****Ready June 1st**

Large Bell or Bull Nose .....	Per doz., 25 cents
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**TOMATO PLANTS.****Ready May 15th**

Acme.

Dwarf Champion.

Freedom.

Crimson Cushion.

Sparks Earliana.

Livingston's Beauty.

Put up one dozen in a box. Boxes assorted with early and late varieties in same box if so desired. Price per box, 30 cents.

Peach Tomato.

Yellow Plum.

Red Cherry.

These varieties of tomatoes are fine for preserving.

Put up one dozen in a box. Boxes assorted with four each of the above three varieties if so desired. Price per box, 30 cents.

**RHUBARB ROOTS.**

Victoria, two-year-old roots.....	Per doz., \$1.50
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Plants and Roots on this page sent by Express or Freight only.

## BEDDING PLANTS.

### ASTERS.

Ready June 1st

Giant Comet. Assorted colors .....Per Doz., 25 cents  
 Victoria. Assorted colors .....Per Doz., 25 cents  
 Peony Flowered Perfection. Assorted Colors.....Per Doz., 25 cents

### CARNATION PINKS.

Ready June 1st

Large Flowering Marguerites. Assorted Colors, .....10c each; \$1.00 per dozen  
 Rooted Cuttings. Assorted colors.....25c per dozen

### FUCHSIAS.

Ready June 1st

Strong Plants In Bloom .....25c each  
 Strong Plants. From 2½ in. pots.....6c each; 60c per dozen

### GERANIUMS.

Ready June 1st

	Each.	Doz.
Extra Choice Mixed Varieties In Bloom. 8 to 12 inches high.....	.10	1.00
Lady Washington. Choice sorts, in Bloom, 8 to 12 inches high.....	.25	2.50
Large, Ivy Leaved. Very fine.....	.25	2.50

### PANSIES.

Ready May 1st

Extra Choice Sorts. Large flowering. 6 strong plants in a basket. Price per basket .....25 cents

### PETUNIAS.

Ready June 1st

Howard's New Star. A new extra fine single variety. Strong plants; 8 inches high .....10c each; \$1.00 per doz

### TEN WEEKS STOCKS.

Ready June 1st

Henderson's Colossal. Mixed colors. Strong plants 10 inches high.....50c per doz

### VERBENAS.

Ready May 1st

Extra Choice Large Flowering Sorts. Mixed colors. 6 in basket.....25c per basket

### VIRGINIA CREEPER.

Ready May 1st

Strong plants.....15c each; \$1.50 per doz

### Bradley's Concentrated Flower Food.

For House Plants and Florist's use.

This food is composed of all the constituents requisite for perfecting the growth of all the flowering plants.

One pound, 10 cents. Three pounds, 25 cents.





## FLOWER SEEDS.

### NASTURTIUM—Tall.

Elegant profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered while green and tender, for pickling. Hardy annuals.

**Tall Mixed.** Fine colors.....5c per pkt.; 10c per oz.

### NASTURTIUM—Dwarf.

The dwarf varieties are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annuals, 1 foot.

**Dwarf, Mixed.** Fine colors.....5c per pkt.; 10c per oz.

### SWEET PEAS.



Very lovely, beautiful, fragrant, free blooming, climbing plants. Sweet peas are grown very extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many.

Supported by common pea sticks they form admirable screens for protecting tender plants and excluding unsightly objects. They are invaluable for trailing and trellis work and covering fences; etc.

The more the flowers are cut the more freely they will bloom.

	Pkt.	Oz.
<b>Black Knight.</b> Deep maroon .....	5	.10
<b>Blanche Burpee.</b> Large white .....	5	.10
<b>Blanche Ferry.</b> Pink standard; white petals .....	5	.10
<b>Blushing Beauty.</b> Soft pink suffused with lilac .....	5	.10

**Butterfly.** Standards and wings white, faintly suffused with lavender. Entire flower edged blue..... 5 .10

**Cardinal.** Crimson scarlet ..... 5 .10

	Pkt.	Oz.
Captain of the Blues. Purplish mauve blue .....	5	.10
Carmine Invincible. Brightest crimson .....	5	.10
Chancellor. Bright shade of orange pink .....	5	.10
Countess Cadogan. Reddish mauve, standard and wings, violet....	5	.10
Countess of Radnor. Delicate lavender .....	5	.10
Crown Jewel. Creamy white, veined with violet rose .....	5	.10
Delight. White, crested with crimson .....	5	.10
Duchess of Sutherland. Pearl white, suffused with light pink....	5	.10
Emily Henderson. A distinct and valuable white variety .....	5	.10
Firefly. Very bright and intense crimson-scarlet, of good size and form .....	5	.10
Indigo King. Very dark purple and indigo .....	5	.10
Imperial Blue. Bright blue .....	5	.10
Mikado. Cerise ground, striped white.....	5	.10
Mrs. Dugdale. A beautiful deep rose.....	5	.10
Mrs. Eckford. Primrose yellow.....	5	.10
Mrs. Jos. Chamberlain. White, flaked with bright rose.....	5	.10
Mrs. Sankey. The purest white, the most perfect form, the largest size and a most profuse bloomer .....	5	.10
Pink Friar. Carmine rose, suffused on silvery white .....	5	.10
Princess Beatrice. Delicate blush pink, marked with deeper shades	5	.10
Purple Prince. Maroon, shaded with bronze purple, wings blue....	5	.10
Primrose. Pale primrose yellow, novel and distinct .....	5	.10
Queen of England. White. Of large size .....	5	.10
Senator. Large flower, shaded and striped chocolate on creamy ground .....	5	.10
Splendor. Coppery crimson suffused with rosy pink. Very rich...	5	.10
Choice Mixed. A mixture of over one hundred choice varieties.....	5	.10

### DWARF SWEET PEAS.

Cupid. Flowers of fine form, full size and delicious fragrance; pure white .....	5	.10
Pink Cupid or Dwarf Blanche Ferry. The flowers are full size, beautiful pink and white. Plants are exceptionally vigorous and come quickly into bloom and cover themselves quickly with flowers till late in the season .....	5	.10

*Our line of Sweet Peas cannot be excelled, the pure colors are of the choicest and largest varieties. Our choice mixture is a combination of all the pure colors catalogued, combined with many others, making a combination of over one hundred distinct varieties.*



## GRASS SEEDS.



Orchard Grass.

At market prices at time order is received. All inquiries for quotations will be promptly answered.

**Timothy or Herd's Grass.** The best grass for hay; 45 lbs. to the bushel.

**Red Top.** A valuable grass and extensively cultivated; 10 lbs. to the bushel.

**Fancy Red Top.** Clear seed.

**Rhode Island Bent.** Very fine lawn grass; 10 lbs. to the bushel.

**Orchard Grass.** Valuable on all dry soils, very valuable as a pasture grass; 14 lbs. to the bushel.

**Fowl Meadow Grass.** Grows tall and thick, succeeding best on low, moist land; 10 lbs. to the bushel.

**Kentucky Blue Grass.** An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.

## CLOVERS.

Prices subject to market changes.

There are no plants so valuable for fertilizers as the clovers. They have the faculty for absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil, admit air, and by their decay add immensely to the fertility of the soil. The seed may be sown in fall or spring; the best results will come from sowing in the spring, and is often sown on the late snows of April.

**Medium Red Clover.**

**Pea Vine or Mammoth Clover.**

**Alsike Clover.**

**White Dutch Clover.** Valuable for pasture and for lawns.

**Scarlet or Crimson Clover.** This variety is fine for soiling cattle; has a beautiful blossom.

**Alfalfa or Lucerne Clover.** Very productive; requires deep soil.

## MILLETS.



**Hungarian.**

Millets should be sown in June and July, and are annual forage plants of thick growth, valuable for green fodder or hay, maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock. They must be cut while in blossom to make good hay. Prices subject to market changes.

**Hungarian Grass.** Early; grows two to three feet high; abundant foliage; withstands drought and yields well on light soils.

**Golden Millet.** Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stocks and leaves, and is excellent for foraging.

### **NEW SIBERIAN MILLET.**

A new and wonderfully productive forage plant from Russia, which has given excellent results in the United States. It is extremely hardy and about two weeks earlier than German Millet, growing about 4 feet in height. Its stooling properties are remarkable, as high as 41 stalks having been grown from one seed. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in May or June, one peck to the acre. Price, per lb., 15c., per 10 lbs., \$1.00; per bush. of 48 lbs., \$3.00. If sent by mail, add eight cents per pound for postage.

### **DWARF ESSEX RAPE.**

This is very valuable for sheep pasture. It can be sown in May, and will be ready for pasturing in July or August; or it may be sown in June or even up to the middle of July, and yet furnish, under reasonably favorable circumstances, a large amount of pasture and fodder. It is very suitable for sowing on land that an early crop of potatoes has been taken off. In drills, about four pounds to the acre; broadcast, eight pounds to the acre. Pound, 10c; 12 pounds for \$1.00.

## GRAINS.

Prices subject to market changes.

Wheat, Spring Rye, Winter Rye, Barley, Oats, Silver Hull Buckwheat, Common Buckwheat, Indian Wheat or Rough Hulled Buckwheat.

All our grains are selected expressly for seed, and are strictly pure and true.

All inquiries for quotations for grass seeds, grains, etc., will be promptly answered, and samples sent by mail when desired.



## JAPANESE BARNYARD MILLET.



This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States; hay and fodder of most excellent quality on any soil, yielding 8 to 10 tons per acre and growing from 5 to 7 feet in height.

Cattle and horses eat it greedily.

The accompanying cut is from a photograph of a bunch that was raised on our farm. We found it very satisfactory in every way.

Sow in May and June broadcast 10 to 15 lbs. per acre (it stools remarkably), or in drills, 8 lbs per acre.

Price, Per Pound, 15c.

Per 10 Pounds, \$1.20.

If sent by mail, add eight cents per pound for postage.

## ENGLISH LAWN FERTILIZER.

An Odorless Chemical Fertilizer for Lawns, Flower Beds and Kitchen Gardens.

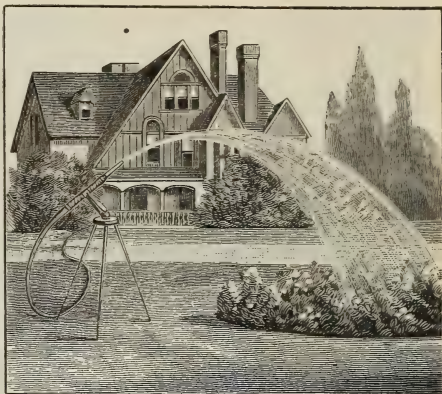
This is a high-grade chemical fertilizer, especially prepared to promote the vigorous and healthy growth of luxuriant grass, enabling it to withstand rough usage and the protracted heat of summer.

Being free from weed seeds, and odorless, it is far superior to unsightly and strong smelling stable dressing for use on lawns and tennis courts.

Ten pound bags for 1000 square feet .....	\$ .50
Twenty-five pound bags for 2500 square feet .....	1.00
Fifty pound bags for 5000 square feet .....	1.50
One hundred pound bags for 1-4 acre .....	2.50

## LAWNS AND THEIR MANAGEMENT.

In the formation of lawns, the ground should be thoroughly cleared of root-weeds before sowing. It should be dug or trenched to an equal depth. To prevent an unequal settlement, and, to secure this, it should be repeatedly trodden, rolled and leveled, until at last a firm and uniform surface is obtained. The selection of proper grass seed is the next important matter. This requires more than ordinary attention, that the kinds of grass be suited both to the purpose and soil, and that the mixture of these grasses be proportioned to suit the end in view. Our mixtures are prepared to suit all soils and situations, and, whether used in pastures or lawns, have invariably produced the best results. It is of great importance that we should be acquainted with the nature of the land, which enables us to furnish mixtures composed of grasses best adapted for the purpose. It must be remembered, however, that much of the fine appearance of our lawns depends upon regularity in mowing. If they are left too long in spring before the operation is begun, or if allowed to grow strong in summer, and, more especially, if not closely mown at the latest period in autumn, they become coarse, the stronger grass overgrowing the weaker and the best, the smoothness of the surface being destroyed, and ultimately the whole becoming patchy and unsightly. All lawns should also be regularly rolled, and, unless the subsoil be a porous, alluvial gravel, should also be thoroughly drained at their formation. A drain should be carried along at the bottom of each terrace slope, so that they may at all times be comfortable to walk upon. The seed may be sown in spring or fall, but, if sown in hot weather, a slight sowing of oats, which vegetates quickly among the grass, will serve to protect the springing grass. For forming new lawns, four bushels are required per acre, or about one quart to each square rod of land, which should be regularly and evenly distributed. Sixteen pounds to the bushel.



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## DUNNING'S LAWN GRASS SEEDS.

One Pound Will Sow Four Hundred Square Feet.

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc.

A liberal quantity of seed should always be used to insure the best results. Per pound, 25 cents. If sent by mail, add eight cents per pound for postage.



# HARDY ORNAMENTAL PLANTS, SHRUBS AND SMALL FRUITS.



Sent direct to any P. O. Address, Postpaid.



These plants are selected with the utmost care and include none but truly desirable sorts which we can thoroughly recommend. The sizes of plants furnished by us are in all instances as large as can be advantageously forwarded by mail; when comparing them with those of many other firms they will be found vastly superior.

We send out all plants during the first mild weather after receipt of the order, unless special time is mentioned. The climbing vines, flowering shrubs, and fruit plants must be sent out while in a dormant condition, that is, before they commence to leaf out. Orders for these items, therefore, should reach us by the middle of April at the latest. Orders for roses and greenhouse plants can be filled up to the first of June.

We guarantee all plants to be packed so as to reach destination in good condition. We cannot, however, be responsible for injury by freezing if the plants are ordered to be sent too early. We do not guarantee our plants to live as that depends mostly upon the care and treatment they receive after reaching destination.

## ROSES.

### Hybrid Perpetual Roses.

Roses of this class produce the largest and most beautiful flowers and the varieties offered below are all thoroughly hardy. Some sorts do not bloom until the second year, but when thoroughly established they bloom very freely at the usual season, June and July, and at intervals throughout the balance of the summer and fall. They should invariably be planted in the open ground, being adapted for out-door cultivation rather than for house culture. They will stand a considerable amount of hardship and neglect but improve greatly with good cultivation and rich soil. The quantity and size of blooms will be greatly increased by severe pruning each spring. All rough and scraggly wood should be cut away entirely and the other shoots should be cut back enough so as to leave only two or three eyes to grow.

Prices of all Roses under this class, 12c each; any 3 for 30c; any 6 for 55c; any 12 for \$1.00, postpaid.

**Alfred Colomb.** Bright carmine-crimson; very large; fine shape; free flowering.

**American Beauty.** Rich, rosy crimson; of exquisite form and delicious fragrance; almost continuously in flower.

**Anne de Deisbach.** Brilliant shell-pink; very large and showy; sweet scented; very double and of fine form; of strong growing, vigorous habit.

**Baron de Bonstettin.** Rich dark red, passing to a deep, velvety maroon, sometimes almost purple; large, sweetly scented, very double and beautiful.

**Caprice.** A striped rose, the ground color being a clear, satiny pink, distinctly striped and dashed with white and bright carmine. The flowers are large, slightly cup-shaped but full and deep. The buds are especially handsome, being of fine shape and showing the stripe and markings to great advantage.

**Coquette de Alps.** Pure white, tinged with pink in the center; truly a continuous bloomer; as it is scarcely ever without flowers from early summer until cut off by frost in the fall. Flowers are good size, well formed and sweetly scented.

**Coquette de Blanches.** Similar to the preceding, except that the flowers have a creamy tinge, instead of pink, in the center; equally free flowering in habit.

**Gen. Jacqueminot.** A grand old rose which everyone knows, at least, by name and reputation. Rich, crimson-scarlet in color and especially handsome in the bud. Although introduced nearly fifty years ago it is still unrivaled in popularity and of great value for garden planting.

**Gen. Washington.** Soft, glossy scarlet; flowers large, broad and open in shape, but very double; especially desirable on account of the quantities of flowers produced in the fall, when many other varieties bloom but shyly.

**Mme. Gabriel Luizet.** One of the most beautiful of all Roses. Extra large, elegantly formed, very double and full, fragrant; color an exquisite shade of clear, coral rose, suffused with lavender and pearl; once seen will always be remembered; good bloomer; hardy.

**Magna Charta.** A splendid Rose; extra large, full flowers; very double; of fine form and sweet; color, clear rosy red, beautifully flushed with violet crimson; a sure and profuse bloomer. One of the hardest and best for general planting.

**Marshall P. Wilder.** Flowers are large, semi-globular, full and of good substance; color, bright scarlet crimson, richly shaded with maroon; very fragrant. Should be planted more generally, as its ease of growth, freedom of bloom and fine flowers make it a most desirable rose.

### Hybrid Perpetual Roses—New Varieties.

Price of all roses under this class, 15c. each; any 3 for 40c., postpaid.



**Mrs. Crawford. (New.)**

of flat, unattractive form, odorless or bloomed but once in a season. It remained for the Margaret Dickson to combine with the sterling qualities of entire hardiness, very vigorous growth and repeated blooming, all the fragrance, beauty of form and waxiness of texture of the finest Tea roses. The flower is of magnificent form and very large. In color it is the most beautiful waxy white, a lovely shining white with almost the luster of a pearl. The petals are very large, well shaped and of great substance but most delicate in texture. They are very prettily curled back or reflected, which adds much to the beauty of the flower. The buds are large, globular and especially handsome. They are borne close to the leaves which, forming a glossy dark green background, set off the flowers to the best possible advantage. The habit of growth is extremely vigorous.

**Hellen Keller. (New.)** In this variety we have all the points necessary to constitute a sterling rose. It is a magnificent exhibition variety of most perfect form, and from its great substance continues a long time in good condition. The color is a brilliant rosy cerise, quite different in shape from any other variety and as pleasing as it is difficult to satisfactorily describe. The petals are large, shell shaped and very prettily rolled back from the center of the flower. The flowers are large, very full and fragrant. The plant is a vigorous grower and very free blooming, being one of the first to expand its handsome blossoms and continuing to flower till late in the autumn. It is a most distinct and lovely rose, as may be further assured by the fact that it was awarded NINE FIRST-CLASS CERTIFICATES at the various rose shows and exhibitions in England.

**Mrs. R. G. Sherman Crawford, (New.)** This lovely new hybrid is one of the few large-flowering roses that bloom constantly and are perfectly tested for two years and not only produces beautiful flowers but produces them freely and all through the summer, when large roses are always scarce. Color, deep rosy-pink, the outer petals tinted with pale flesh, is quite a new and unique shade; white at base of petals. The flowers are large, full and very fragrant, of perfect, imbricated form and freely produced, the plant blooming continually from summer to late autumn. The petals are prettily cupped and pointed and the silvery luster on the reverse makes the flower shimmer in sunshine.

**Machioness of Lorne, (New.)** Large, full, cup-shaped; buds long and handsome; rich, shining rose-color; shaded with vivid carmine; remarkable for its perpetual flowering. About the best garden rose of its color yet introduced; entirely hardy; a splendid grower, free from disease and very fragrant.

**Margaret Dickson, (New.)** The want of a hardy white rose, which should be in all respects satisfactory, has long existed. Those that possess entire hardiness and good vigor of growth were either

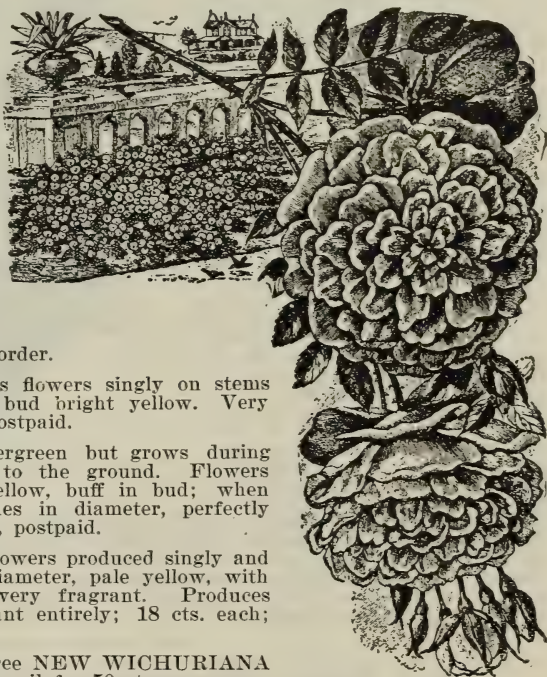


## A NEW RACE OF HARDY ROSES

# HYBRIDS OF ROSA WICHURIANA

### (OR THE MEMORIAL ROSE.)

They are hybrids of *Rosa Wichuriana*—the memorial Rose—and are of the same rapid creeping habit of growth. They are valuable for covering the ground, stumps of trees, pillars, posts, trellises, rocky slopes, gravelly embankments, growing where other roses could not possibly live. They are absolutely hardy and will survive the severest winters, growing outdoors in any climate, soil or exposure. The flowers are borne in the utmost profusion, a two or three-year-old plant producing thousands of most exquisite blossoms, which are delightfully fragrant and which hold their form a long time after cutting. Be sure to include a collection in your order.



**Gardenia.** Strong grower, produces flowers singly on stems one half to one foot long. Flowers in bud bright yellow. Very fragrant. 18c. each; two for 30c.; postpaid.

**Evergreen Gem.** Is not only evergreen but grows during mild weather in winter; grows close to the ground. Flowers double; produced singly on stems, yellow, buff in bud; when open almost white, two to three inches in diameter, perfectly double; 18 cts. each; two for 30 cts., postpaid.

**Jersey Beauty.** Very vigorous. Flowers produced singly and in clusters, large, single, 3 inches in diameter, pale yellow, with clusters of bright yellow stamens; very fragrant. Produces in greatest profusion, covering the plant entirely; 18 cts. each; two for 30 cts., postpaid.

**Special Offer.** One each of the three NEW WICHURIANA ROSES, described above, postpaid by mail for 50 cts.

### Standard Varieties.

**Prices.** Strong, young plants, any variety named below, 12 cts. each; two for 20 cts.; any five for 50 cts., postpaid by mail.

**Manda's Triumph.** This is a gem. Produces large clusters (12 to 18 blooms) of double pure white flowers, 2 inches in diameter.

**Universal Favorite.** Possesses usual vigor of growth. The shoots are covered with dense bright green foliage. The double flowers are over 2 inches across, a beautiful rose color, similar to BRIDESMAID, deliciously fragrant.

**South Orange Perfection.** A distinct and wonderfully beautiful variety. Produces multitudes of the most perfectly formed double flowers, about 1½ inches in diameter; soft, bluish pink at the tips, changing to white. Exceedingly choice.

**Pink Roamer.** Beyond question a cross between that fine old favorite, SWEETBRIAR and WICHURIANA, which it shows strongly in its exquisite fragrance. It is a rampant, luxurious grower, producing its single flowers in close heads; the flowers measure 2 inches in diameter. The color is bright, rich pink, with the centre almost white, brightened with orange red.

**Wichuriana.** Habit of growth is low and trailing, making it very valuable for covering banks, rookeries, etc., quite hardy in most localities; flowers are single and of good size, frequently measuring 3 inches across, and produced in lovely clusters at the terminus of branches; color, pure shining white; very fragrant and desirable Rose for cemetery planting.

## DOROTHY PERKINS.

**A Splendid New Climbing Rose. The Most Valuable Rose Novelty Since Crimson Rambler.**

In its foliage, growth and habit of blooming in immense clusters it is remarkably like Crimson Rambler but the flowers are more double and of a beautiful shell-pink color. This valuable variety was grown from seed of Rosa Wichuriana crossed with pollen from that fine old rose, Mme. Gabriel Luizet. It is of quite upright habit of growth but retains the remarkable vigor of the seed parent, making a growth of ten to fifteen feet often in a single season. In the important point of hardiness nothing more could be desired, two unusually severe winters having failed to injure even young plants, although during one of them the temperature went as low as twenty degrees below zero and there was not the usual snow-fall to protect them. The flowers are very double, are of large size for this class of Rose, usually two inches across; are borne in loose clusters of from thirty to forty and we have often counted even fifty and sixty in a truss. The petals are very prettily rolled back and crinkled; the buds are remarkably handsome, being pointed in shape and of just right size for the button-hole. The Color is a most beautiful clear shell-pink and holds a long time without fading; even after the flower commences to fade the color is still pleasing, being then a lovely deep rose. The flowers are very sweetly scented, a characteristic not possessed by most other roses of the Rambler family. In vigor and habit of growth the "Dorothy Perkins" is identical with the Crimson Rambler.



**Dorothy Perkins.**

Price each 18 cts.; 3 for 50 cts.; postpaid.

## The New Japanese Rambler Roses.

**These are all Very Hardy, and the Most Charming of all Climbing Roses. Crimson Rambler.**

An exceedingly vigorous, rapid grower, making shoots 10 to 20 feet in height in one season. When pegged down or grown as a bush it is equally desirable, producing in marvelous profusion large trusses of flowers pyramidal in form, and in color a rich glowing crimson. When in full bloom it is a vivid crimson mass of beauty. In Japan, its native home, it is known as the "Cherry Rose," so bright are its flowers. Price each 12 cts.; 3 for 30 cts.; postpaid.

**New Hardy Rambler Rose Helene.** In many respects it is an improvement over Crimson Rambler, of which it is a seedling, being of more robust growth but not as rigid as its parent; elegant and graceful in habit. Makes a growth of 10 to 15 feet in a season. Foliage similar to Crimson Rambler, but less subject to mildew and insect attacks. For open-ground culture it has no superior, being perfectly hardy and a strong, healthy grower. Its flowers are borne in large clusters and are produced in amazing profusion. The flower is almost double, and of excellent substance, remaining in perfection on the bush for weeks. Color soft violet rose; almost blush, base of petals yellowish white, while the anthers and pistils are pure yellow, rising boldly from the flower. Price each 16 cts.; 3 for 45 cts.; postpaid.

### **New Pink Rambler.**

**Euphrosyne.** The Pink Rambler completes the entire range of cardinal colors that can be embraced in these beautiful climbing Roses. This rose is as charming as any of its rivals, embracing all their good qualities of hardiness, vigorous growth, profuse blooming, of delightful fragrance. Price each 12 cts.; 3 for 30 cts.; postpaid.



### New White Rambler.

**Thalia.** This charming new rose of the Rambler variety is a wonder. It climbs rapidly, is entirely hardy, produces immense clusters of pure white roses, perfectly double, of delightful fragrance, and of an immaculate white. Price each 12 cts.; 3 for 30 cts.; postpaid.

### New Yellow Rambler.

**Aglaia.** The Yellow Rambler has been found to successfully withstand, without protection, a continued temperature of from zero to two degrees below, which proves it to be far hardier than any other yellow climbing rose yet introduced, and we believe that by laying the plants down in the winter it can be successfully grown in nearly all the northern parts of the U. S.; in fact anywhere that other roses succeed at all well. The flowers are borne in immense clusters, after the same manner as the Crimson Rambler. Price each 12 cts.; 3 for 30 cts.; postpaid.

## MOSS ROSES.

This is a favorite class with every one, on account of the beautiful buds, which, for bouquets and cut flowers are invaluable. They require close pruning and high culture, but amply repay careful attention by the increased size and beauty of the flowers. They are all very hardy. Price of Moss Roses, each 16 cts. Three (one of each) for 45 cts; postpaid.

**Blanche Moreau.** This fine variety is highly recommended; flowers are produced in clusters, and are large, full and sweet; the color is pure white; both flowers and buds have an abundance of lovely deep green moss.

**Crimson Globe.** A fine deep crimson, the flowers having the handsome globular shape characteristic of the H. P. varieties. Buds well mossed, very free flowering, vigorous and hardy.

**Princess Adelaide.** One of the best; extra-large flowers; very double and fragrant; buds beautifully mossed; color bright rosy pink.

## Hardy Climbing Roses.

These varieties are highly valuable for training over arbors, trellises and verandas. They grow from 10 to 12 feet high, and are entirely hardy. Price each 12 cts.; 3 for 30 cts.; postpaid.

**Baltimore Belle.** Pale blush, variegated carmine, rose and white; very double; flowers in beautiful clusters, the whole plant appearing a perfect mass of bloom; one of the best climbing roses.

**Greville or Seven Sisters.** Flowers in large clusters; varies in color from white to crimson.

**Queen of the Prairies.** Clear, bright pink, sometimes with a white stripe; large, compact and globular, very double and full; blooms in clusters; one of the finest.

**Russell's Cottage.** Dark velvety crimson; very double and full; profuse bloomer.

**Tennessee Belle.** A strong, vigorous climber; free bloomer; bright rosy blush; large, full and fragrant; one of the best.

## HARDY CLIMBING VINES.

Orders for climbing vines must reach us not later than April 15, as the plants will commence growing soon after that date and then could not be successfully handled.

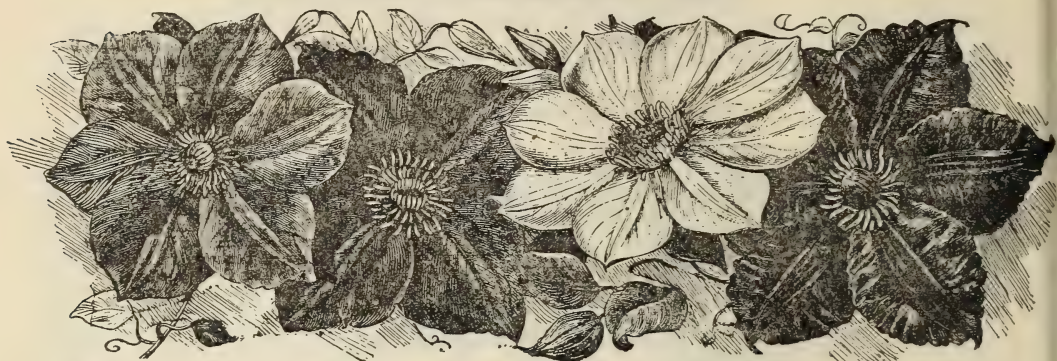
### Honeysuckles.

For real home vines, to be near you, climbing over your windows and doorways, there is nothing prettier than sweet-scented Honeysuckles; the foliage is pretty, neat and clean, the flowers are almost continuous, and their fragrance delicious. The varieties described below are the very best. Price 12 cts. each; 3 for 30 cts.; postpaid.

**Hall's Japan.** A strong growing, almost evergreen sort with pure white flowers changing to yellow. Very fragrant and covered with flowers from July to November.

**Monthly Fragrant.** Red and yellow; very fragrant. Blooms all summer; leaves tinged with reddish color.

**Scarlet Trumpet.** Bright red trumpet-shaped flowers; bloom very freely the entire season, vigorous and rapid growing.

**Clematis.****Madame Veillard.****Jackmanni.****Henryi.****Madame Edouard Andre.**

There is no more ornamental class of plants than Clematis and the rich show of bloom produced by the best varieties is far too magnificent to be fairly portrayed by mere words. The flowers are of large size, measuring four to six and sometimes eight inches in diameter. Price, each 15 cts.; 3 for 40 cts.; postpaid.

**Duchess of Edinburg.** One of the best double whites, of vigorous habit, very free of bloom and deliciously fragrant.

**Henryi.** A vigorous grower and a free bloomer, producing its large pure white flowers constantly during summer and early autumn. The best large-flowered variety producing pure white flowers.

**Jackmanni.** The flowers are large, intense rich velvety violet-purple and are produced in such masses as to form a cloud of bloom. Well known and very popular.

**Madame Baron-Veillard.** Of recent introduction and quite like its parent, the popular Jackmanni, in habit and make-up, except that its flowers are a lively, satiny lavender pink; entirely distinct from any other variety and charming in effect.

**Madame Edouard Andre.** Also of the Jackmanni type and is the nearest approach to a bright red that has yet appeared. The flowers are very large, usually six-petaled, of a distinct, pleasing shade of carmine, and are produced in bewildering profusion.

**Paniculata.** One of the most valuable of all hardy flowering vines, of exceedingly rapid growth, soon reaching a height of fifteen or twenty feet; small, pure white flowers, borne in great masses of clusters on long stems. Very hardy.

**Ramona.** Lavender blue; flowers very large, often nine inches across. The most beautiful variety of its color yet known.

**Wistaria.**

The Wistaria is particularly valuable for training over buildings, second floor verandas and wherever tall-growing climbers are wanted; it is a vigorous, rapid grower and entirely hardy. Price, each 15 cts.; 3 for 40 cts.; postpaid.

**Chinese Purple.** The flowers are borne in long, pendulous clusters of lovely, rich, violet purple; deliciously sweet and exceedingly handsome; one of the very best climbing vines for verandas, balconies, etc.

**Chinese White.** Of similar habit to the purple variety, but with pure white flowers; a lovely climber.

One plant each of Purple and White, 25 cts.; postpaid.

**BIGNONIA, (Trumpet Creeper.)**

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonia will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size. Flowers, dark red with orange throat; free flowering and very hardy. Price, each 10 cts.; 3 for 25 cts.; postpaid.

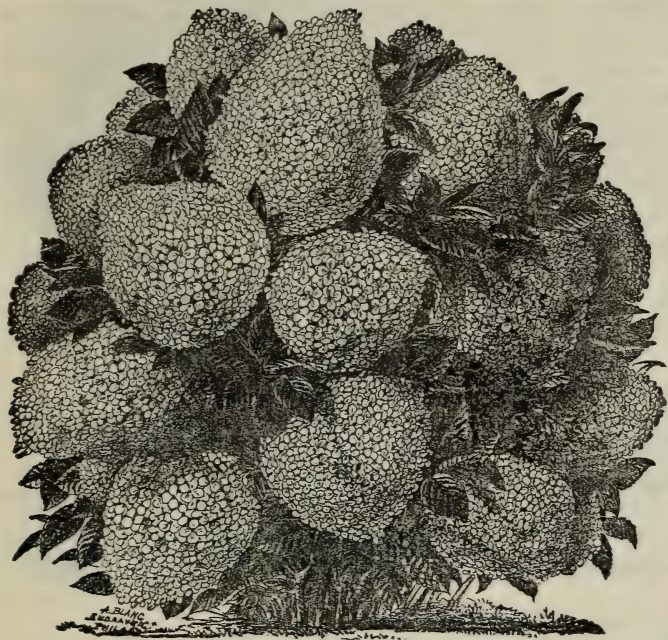
**Hardy English Ivy.**

This is a hardy evergreen climbing vine, with dark glossy green leaves much used for covering walls of churches, etc., and for cemetery work; is a true evergreen; retains its bright green leaves all winter and always looks alive. Is also very useful for covering graves, especially in the shade where grass will not succeed well. Price, each 12 cts.; 3 for 30 cts.; postpaid.



## HARDY FLOWERING SHRUBS.

Shrub orders must reach us not later than April 15, as the plants will commence growing soon after that date and then could not be successfully handled.



**Hydrangea Paniculata Grandiflora.**

**Hydrangea  
Paniculata  
Grandiflora**  
  
(The Hardy  
Hydrangea.)

One of the finest hardy shrubs ever introduced and in size and magnificence of bloom not excelled by any shrub in cultivation. The bush in time attains a large size, growing in beauty year by year. It is in the full glory of bloom from August until the middle or last of October. Entirely hardy, very free-growing, a profuse bloomer and thrives in all soils. Price, each 12 cts.; 3 for 30 cts.; postpaid.

### SNOWBALL—Viburnum.

**Common Snowball** (*V. opulus sterilis*.) A superb old fashioned shrub, popular and much admired. Of large size and spreading habit, bearing in June large globular clusters of pure white flowers resembling immense snowballs. Each 12 cts.; 3 for 30 cts.; postpaid.

**Japan Snowball** (*V. plicatum*.) The best of the Viburnums, of purer color and better form than the above, and one of the finest of flowering shrubs. Moderate in growth and compact in form, rich deep green plicate foliage; large, globular flower clusters of the purest white produced all over the bush in great abundance. Exceedingly choice; its fine flowers are very beautiful and its handsome plicate foliage makes it a lovely object at all times.. Each 15 cts.; 3 for 40 cts.; postpaid.

### Deutzias.

**Crenata.** Height 4 to 6 feet; flowers white, tinged with rose on the outside. Blooms profusely in June.

**Crenata, Double.** Like the preceding, but with double flowers.

**Gracilis.** Dwarf, 2 or 3 feet in height. Flowers, pure white, bell-shaped; branches drooping and loaded with bloom. Hardy for the garden or splendid pot plant for winter blooming.

**Pride of Rochester.** Double, fine white flowers; very profuse bloomer. Price, 12 cts.; 3 for 30 cts.; postpaid.

### Forsythia Fortuneii.

First shrub to bloom in the spring. Height 8 to 10 feet, with graceful drooping branches. The foliage is a deep, glossy green; flowers, bright yellow and borne in profusion. Price, 12 cts.; 3 for 30 cts.; postpaid.

### Tartarian Honeysuckles.

**Red Tartarian.** Well known and popular shrub for the lawn or garden. Blossoms in May and June.

**White Tartarian.** Like the preceding but with white blossoms. Price, 12 cts.; 2 for 20 cts.; postpaid.

### Spirea (Meadow Sweet.)

This class of shrubs offers a great variety, both in flowers and foliage, making them of the greatest value in a collection. They are all of easy cultivation, rapid growth and will amply repay the planter with an abundance of flowers. Price, each 15 cts.; 3 for 40 cts.; postpaid.

**Spirea Aurea (Golden Leaved.)** With bright golden yellow foliage, contrasting with the deep green of other varieties; small, white flowers.

**Spirea Bumalda.** A dwarf growing variety, producing a profusion of beautiful rose-colored flowers the entire summer and autumn.

**Spirea Prunifolia. (Bridal Wreath.)** Very double; flowers pure white and borne profusely, the entire length of branches; perfectly double, like little daisies.

**New Crimson Spirea Anthony Waterer.** By all odds the finest of the dwarf Spirea and a grand acquisition. It outshines all Spireas at brilliancy of color—a bright crimson—and is the most profuse and persistent bloomer of them all, bearing continuously large, flat clusters of lovely bloom throughout the whole of summer and autumn. The plant is of dwarf habit and dense growth, comes into bloom very early and when not more than fifteen inches high.

**Blue Spirea (Caryopteris Mastacanthus.)** Blue Spirea is a fitting name for this remarkable, new hardy plant. It is certain to become popular with flower lovers everywhere, owing to the high decorative value of plant and flower. It is a sturdy, upright, grower and is extremely floriferous, plants from small pots blooming profusely and continuing to do so throughout the season until they reach a height and width of three feet. The dense flower-heads are of a rich lavender blue, a rare color among flowers.

### Syringa, Mock Orange (Philadelphus.)

The Syringa or Mock Orange has been a favorite shrub from time immemorial and among the many and valuable new ones it still remains a favorite.

**Double White.** A variety with partially double, very fragrant flowers.

**Garland (Phil. Coronarius.)** Flowers pure white and very highly scented; the profusion with which they are borne is what gives it the name of Garland Syringa.

**Golden (Phil. Aurea.)** With beautiful golden yellow foliage which keeps its color well the entire season. Will make a pleasing and striking contrast when planted with other shrubs. Price of each variety Syringa 12 cts.; 3 for 30 cts.; by mail postpaid.

### Weigelia.

This is a family of strong vigorous growing shrubs that can be used to the best of advantage either for single lawn specimens or for massing with other varieties. We strongly recommend them.

**Candida.** Handsome snow-white flowers, borne in great profusion during June and July. Handsome light green foliage.

**Floribunda.** Dark crimson flowers; very freely produced.

**Rosea.** Large rose-colored flowers almost covering the whole plant.

**Variegata.** (Variegated Leaved.) Deep green leaves with a broad distinctly defined margin of white around each. Flowers not so conspicuous as on the other varieties, but of a beautiful clear blush. Price of each variety Weigelia, 12 cts.; the 4 for 40 cts.; by mail postpaid.

**Shrub Orders must reach us not later than April 15** as the plants will commence growing soon after that date and then could not be successfully handled.



Coleus.

## COLEUS.

We offer a very fine variety of Coleus and they are delicate colors; very hard to describe the various tints. Each 8 cts.; 4 for 30 cts.; postpaid.

**Golden Bedder.** Deep golden yellow variety.

**Fire Brand.** Dark crimson, shaded garnet; a fine bedder.

**Verschafeltii.** This is one of the best for bedding, having a rich velvety crimson foliage.

**Golden Crown.** A deep golden yellow, splotted with bright green and very handsome foliage.



# NEW DOUBLE GOLDEN RUDBECKIA.



## GOLDEN GLOW.

This is one of the grandest hardy yellow flowering plants ever introduced, particularly valuable for garden, lawn and park planting; grows six to eight feet high; graceful branching habit, and pretty foliage. Blooms during July and August the first season, and bears immense masses of large, round, golden yellow flowers, perfectly double like roses and two or three inches across, covering the whole plant with a sheet of splendid golden yellow flowers for weeks. It is easy to grow, and sure to bloom, and cannot be too highly recommended as one of the most showy and handsome ornamental plants ever introduced. The flowers are borne by hundreds, on long graceful nodding stems, just right for cutting. Do not forget to include it in your order; it is a plant that will please you. Price, each 10 cts.; 3 for 25 cts.; by mail postpaid.

## CYPERUS ALTERNIFOLIUS.

### UMBRELLA PLANT.

This is a plant of the easiest culture and a large specimen is as handsome as a palm for decoration. It makes a handsome pot plant, or can be used in baskets or vases, making a charming effect. It will grow luxuriantly in water, and is, therefore, indispensable for aquariums or fountains. Each 12 cts.; 3 for 30 cts.; postpaid.

## CHRYSANTHEMUMS.

- Fisher's Torch.** Bright, fiery red, the richest shade in Chrysanthemums; large, fine flower.
- Ivory.** Unexcelled for pot culture or cutting; pure white flower of exquisite form and finish.
- J. A. Lager.** Reflexed, of great depth. Petals, long and twisted, open at the end, of beautiful pure yellow.
- Major Bonnafon.** Soft, clear yellow; full in the center, eight inches in diameter and nearly as deep. In perfect form and finish; habit dark.
- Mme. F. Bergmann.** The finest of all the early whites; very large and full, and of the purest white, with creamy center; a strong, sturdy habit; fine foliage. The most popular white variety with florists for early forcing.
- Maudie Dean.** An immense pink variety; finely incurved; petals, broad, shell shaped. One of the largest.
- Mrs. E. G. Hill.** One of the earliest of all large flowering sorts. Flowers very large; color delicate pearl pink.
- Mrs. Henry Robinson.** In the entire Chrysanthemum family there is no grander white variety.
- Niveus.** A grand snow white variety; center irregularly incurving with outer petals reflexing nearly to the stem. Constitution robust; foliage large and abundant, while the keeping qualities of the flowers are unsurpassed.
- The Queen.** One of the grandest of all whites. Price, each 10 cts.; 6 for 50 cts.; postpaid.

# FRUITS.

Orders should Reach us by April 15th at the latest.



**Iceburg.**

## The New White Blackbury Iceburg.

Unsurpassed in flavor, size and productiveness.

One of the very earliest varieties. The berries are borne in splendid, large clusters; great yielder. One of the finest table berries ever introduced. Price, each 15 cts.; 6 for 70 cts.; 12 for \$1.30; postpaid.

## Rathburn Blackberry

Fruit very large and handsome with very small seeds and no hard core, very sweet and high flavor. Plants very hardy and great yielders. Price, each 15 cts.; 6 for 70 cts.; 12 for \$1.30; postpaid.

## Currants.

Orders must reach us by April 10th. Price by mail postpaid, 12 cts. each; by express charges collect, 60 cts. per doz.

**Black Champion.** Very productive, large bunch and berry; excellent quality; strong grower.

**Cherry.** Berries sometimes more than half an inch in diameter; bunches short.

**Fay's Prolific.** The leading market variety. Extra large stems and berries; uniform in size, easily picked; exceedingly productive.

**La Versailles.** Very large, red; bunch long, of great beauty and excellent quality; one of the finest and best.

**North Star.** The strongest grower among the red varieties; should be given plenty of room and ground kept well enriched; bunches average 4 inches in length and are freely produced.

**White Grape.** Very large; yellowish white; sweet or very mild acid; excellent quality and valuable for the table. Productive.

## Gooseberries.

**Houghton.** Fruit small to medium, pale red, of fine flavor. Plants of slender, spreading growth and enormously productive; 15 cts. each, postpaid; 60 cts. per dozen by express, charges collect.

**Smith's Improved.** Fruit large, pale greenish yellow. Unsurpassed in quality both for table use and cooking. Bush of moderate growth and exceedingly productive; 15 cts. each postpaid; 60 cts. per dozen by express, charges collect.

**Downing.** An old well known variety. Fruit large and handsome, pale green, of fine quality. A strong, vigorous grower, seldom affected by mildew. One of the best both for market and home use; 15 cts. each, postpaid; 60 cts. per dozen by express, charges collect.

**Industry.** A new variety of foreign origin, which has created a sensation everywhere; productive of exceedingly large fruit of dark red color and delicious quality; 20 cts. each, postpaid; \$1.50 per dozen by express, charges collect.

## Raspberries.

Prices, 8 cts. each; 50 cts. per doz., postpaid; \$1.75 per 100 by express, charges collect.

**Cuthbert.** Red. Leading late market variety all over the country. A remarkably strong hardy variety; stands the northern winters and southern summers equal to any. Berries very large, measuring three inches around; flavor is sweet, rich and luscious.

**Golden Queen.** Best yellow raspberry yet introduced. Briefly stated it is a yellow Cuthbert of large size, great beauty, high quality, hardy and productive. Canes are of the strongest growth; no home garden complete without it.

**Loudon.** Red. This raspberry ripens moderately early, and holds out very late; it is highly productive, claimed to exceed all other raspberries in this respect.





## FOR ALL GENERAL FARMING

are without doubt the best fertilizers in the world for producing the largest possible crops of Grass, Grain and Vegetables in the shortest time. The Bradley Fertilizer Co., manufacture fertilizers of **all grades** and for **all crops** and being the **largest manufacturers in the world**, their facilities for furnishing all kinds of fertilizers and agricultural chemicals at the lowest prices are absolutely unequalled.

Their leading brands are

### **BRADLEY'S SUPERPHOSPHATE.**

Bradley's Superphosphate, the pioneer of the fertilizer industry in the United States, has been more extensively used than any other brand of fertilizers in the world.

From its unvarying quality and uniform condition, it has gained the name that more plainly bespeaks the estimate in which it is held among the farmers than volumes of praise—"the Old Reliable."

As it is a complete fertilizer, rich in available phosphoric acid, ammonia and potash, it can be used either with or without barnyard manure.

### **BRADLEY'S POTATO MANURE.**

**For Growing Smooth, Sound Potatoes of the Best Quality Without Barnyard Manure.**

Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas which repeated field tests have proven will produce the largest crops of smooth, sound potatoes.

The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced "special potato manures" whose alleged scientific combination is their principal claim to the farmer's patronage.

### **BRADLEY'S COMPLETE MANURE.**

**For Potatoes and Vegetables, Corn and Grain, Top Dressing Grass and Grain, with 10 per cent. Potash.**

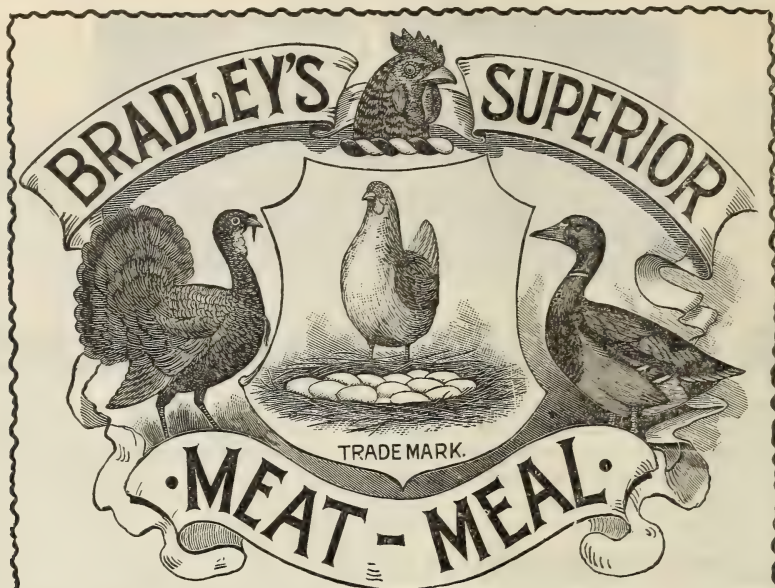
These manures are the richest and most concentrated fertilizers sold, as has been abundantly proven by actual results in the field. They are manufactured from the very best plant-food material obtainable, combined in such form and proportions as long practical experience has proven will yield the largest crops of the best quality.

Bradley's Complete Manures are in the fullest sense "complete" fertilizers, and the three grades furnish complete plant food in the best forms for all crops grown.

Send to us for finely illustrated pamphlets, describing all of their brands, and let us quote you prices on these unequalled fertilizers before purchasing elsewhere.

---

**TO MAKE HENS LAY, FEED "BRADLEY'S SUPERIOR MEAT MEAL."**



**IS BEYOND QUESTION THE BEST FOOD EVER MANUFACTURED for Hens, Turkeys and Ducks. Its continual use by the largest Poultry Raisers proves it is unequalled for quickly growing large-sized birds of fine flavor, and for producing LARGE YIELDS OF SUPERIOR QUALITY EGGS.**

#### PRICES.

100 lb. bags,	Free on board cars in Bangor .....	\$2.00
50 lb. bags,	" " .....	\$1.00
25 lb. bags, (trial size)	" " .....	\$.65

## MICA = CRYSTAL GRIT

**For Poultry,  
Pigeons,  
Chickens,  
Ducks, Geese,  
Turkeys and  
Birds.**



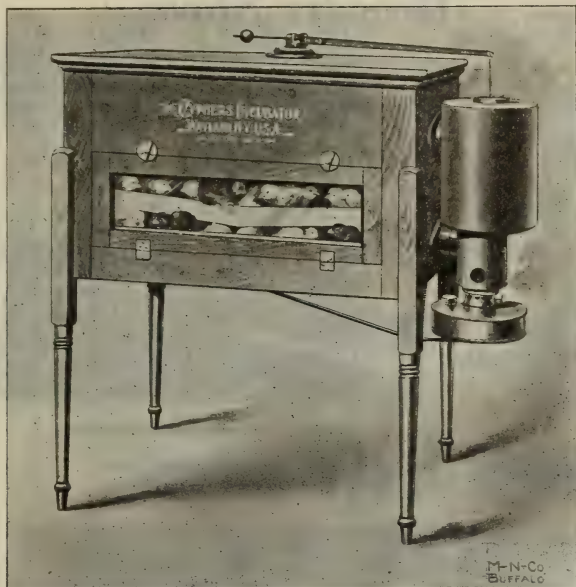
**In Coarse and  
Mixed Sizes.**

The only Grit containing the elements essential to the good health and egg-producing qualities of the feathered tribe.

**PRICE: 100 lb. Bag 75 Cents.**



## The Cyphers Non-Moisture Incubators.

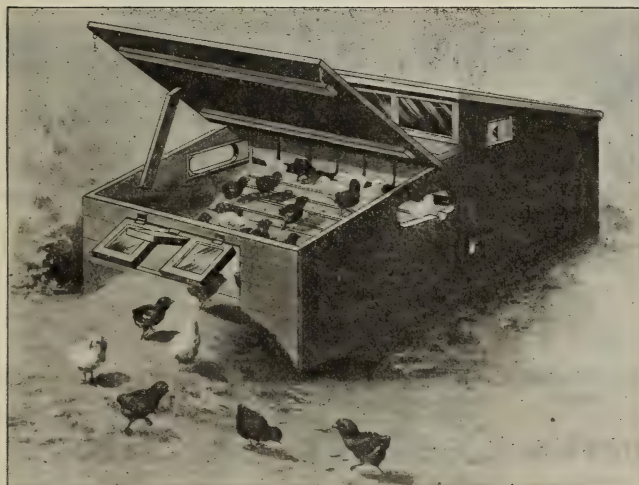


The Cyphers Incubators are fully guaranteed by the manufacturer as follows: First, to require no supplied moisture. Second, to be self-ventilating. Third, to be self-regulating. Fourth, to operate with less oil and with less expense than any other make of incubator. Fifth, to be fire-proof, having the best, the safest and most costly built heater attached to any incubator. Sixth, to be the easiest to operate and control, requiring less labor and attention than any other make of incubator. Seventh, to produce larger and stronger chicks than any other make of incubator on the market. Eighth, also that where it is run with any incubator of a different make it shall, in three or more hatches, bring out a larger percentage of the fertile eggs in good, healthy chicks or ducklings than does its competitor. If you are in search of the latest patented, most durably built and best practical incubator, one that will hatch the largest number of the

strongest and healthiest chicks or duckling, the Cyphers is that machine.

### Price-List of Cyphers Incubators.

No. 0, 60 hen eggs, 48 duck eggs, \$14.00 ea.	No. 2, 220 hen eggs, 190 duck eggs, \$29.00 ea.
No. 1, 120 hen eggs, 100 duck eggs, \$20.00 ea.	No. 3, 360 hen eggs, 290 duck eggs, \$37.00 ea.



Cyphers Outdoor Brooder (front view). Style A.

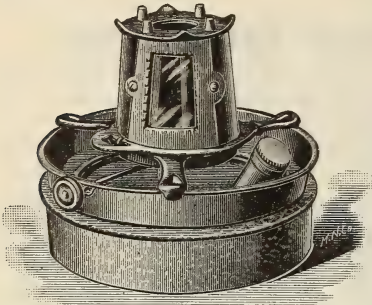
### Price-List of Cyphers Indoor and Outdoor Brooders.

Style O, Indoor.....\$8.00 each.	Style B, Indoor.....\$10.00 each.
Style O, Outdoor.....\$9.00 each.	Style A, Outdoor (see illustration) \$12.00 each.

Send for descriptive circular giving full description of the Cyphers Incubators and Brooders.

## The Unequalled CYPHERS Three-Apartment BROODER.

Next to its incubator the Cyphers Company especially prides itself on the Three Apartment Outdoor Brooder it manufactures. They unhesitatingly guarantee this to be the best brooding device on the market for either indoor or outdoor use, regardless of price, and it will be noted that all of the Cyphers Brooders (the company manufactures one grade only, but four sizes) are sold at reasonable prices.



## The Cyphers Safety Brooder Stove.

This stove is the vital part of a brooder, whether custom-made or home-made. While the heating principle and hover construction are essentially important, the source of heat is the key to the successful operation of the brooder as a whole.

The stove is superior in every respect to any other.

Price, \$1.25

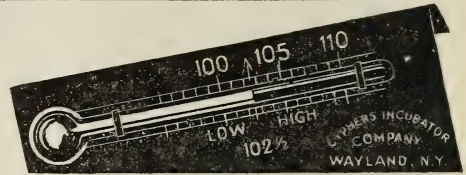
## The Cyphers Reclining Incubator Thermometers.

These thermometers are thoroughly and expertly tested before leaving the manufacturers.

Price, 75c.

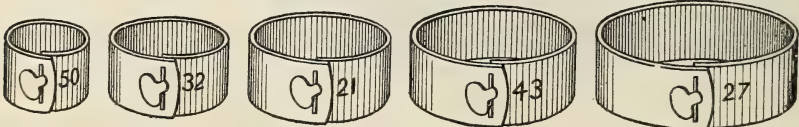
Cyphers Brooder Thermometers,

Price, 45c.



SPECIAL RECLINING THERMOMETER.

## THE ECLIPSE LEG BANDS.



No. 1

No. 2

No. 3

No. 4

No. 5

No. 1 for Bantams and small Mediterraneans. No. 2 for Mediterraneans. No. 3 for American females. No. 4 for American males, Asiatic females, small turkeys. No. 5 for Asiatic males and turkeys.

The band is light and neat and will stay on. They are so made that when properly adjusted they cannot come off. They are made from polished aluminum and will not tarnish. Those who prefer a flat band will find them superior to anything on the market, while the price places them within the reach of everybody.

Prices: 20c per 12; 35c per 25; 60c per 50; \$1.00 per 100.

## Lightning Lice Killer.

A quick, sure and effective exterminator of Lice, whether found on Poultry, Cattle, Horses, Swine or Plants. Equally effective for Fleas on Dogs or Ticks on Sheep.

Will quickly rid the house of Water or Bed Bugs, Moths, Roaches, etc.

Makes short work of all kinds of Lice wherever they may be found.

Poultrymen should never be without it and its price places it within the reach of all.

Price, 20 ounce Box, 25c.

## P. D. Q.

Sure death to Fleas and Lice on Plants, Dogs, Cats and All Animals, as well as on Poultry.

Price, 15 ounce Box, 25c.

## Lambert's Death To Lice.

A disinfective remedy for all kinds of Poultry, Vermin, Lice on Horses, Cattle, Swine or Plants, Fleas on Dogs, Ticks on Sheep, etc. Perfectly harmless to human and animal life.

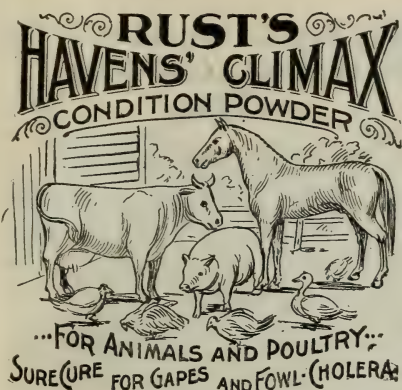
Price, 25c.

## Opal Nest Eggs.

Price, per dozen, .....30c.



# POULTRY SUPPLIES.



## RUST'S

### Havens' Climax Condition Powder

For the Prevention and Cure of Gapes,  
Fowl Cholera, Diarrhoea, Indigestion,  
Catarrh, Debility, Liver Diseases,  
Rheumatism, Etc.

13 ounce package.....	25 cents
32 ounce box.....	50 cents
5 pound box.....	One Dollar

## RUST'S EGG PRODUCER.

This Preparation Supplies Just What  
Nature Needs FOR PRODUCING  
EGGS,  
PLUMAGE,  
GROWTH and  
DEVELOPMENT

and in the exact proportion required.

1 pound box.....	25 cents
2½ pound box.....	50 cents



### Rust's Havens' Roup Pills.

These pills act directly on the glands and mucous membrane, allaying all tendencies to fever and carrying off all morbid matter from the system. Per box of 48 pills, 25 cents.

### Sheridan's Condition Powder.

Price per package, 25 cents. 2 lb. can \$1.00.

### Bradley's Superior Meat Meal.

See page 46.

### Mica Crystal Grit.

See page 46.

### Cracked Poultry Bone.

100 pound bag.....	\$2.25
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### Bone Meal for Poultry and Cattle.

100 pound bag.....	\$2.25
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### Ground Meat Scraps.

100 pound bag.....	\$2.50
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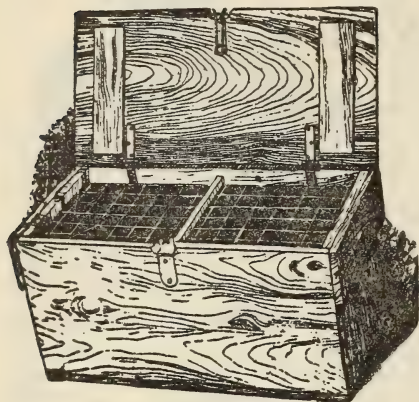
### Ground Oyster Shells.

100 pound bag.....	\$.50
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### Clover Meal.

50 pound bag.....	\$1.25
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## QUEEN CITY EGG CASES.



The Most Popular Egg Case in the Market, with patent Hinge and Fastener.

### PRICES, COMPLETE.

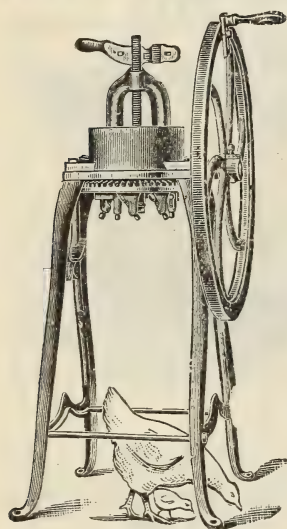
56 dozen.....	\$1.35
49 dozen.....	1.25
30 dozen.....	1.10
15 dozen.....	.85
8 dozen.....	.65

### FILLINGS.

56 dozen.....	.65
49 dozen.....	.60
30 dozen.....	.50

## Mann's Green Bone Cutters.

The Most Successful Hand or Power Machines on the Market for CUTTING GREEN BONES.



No. 2 Crank.

Weight 140 lbs. Price \$18.40

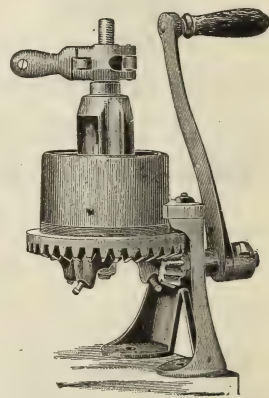
No. 6, Post Cutter, weight 98 lbs., price \$16.00.

No. 2, Standard Bone Cutter, weight 140 lbs., price \$18.40.

No. 8, Double Hand Cutter, weight 180 lbs., price \$22.40.

No. 10, Small Power Cutter, weight 174 lbs., price \$26.00.

No. 14, Large Power Cutter, weight 426 lbs., price \$76.80.



No. 5 C Hand.

Weight 30 lbs. Price \$6.00

## No. 5 Crank Bone Cutter.

A Grand Good Bone Cutter  
For a Little Money.

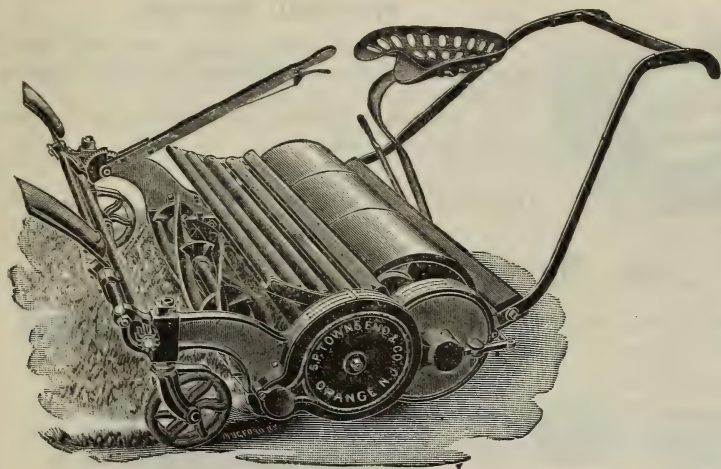
This cutter is designed expressly for small flocks. It is strong and durable and greatly superior to any other bone cutter for the price. Cuts any kind of bone, hard, dry or green.

### PRICE LIST.

No. 5 C, with Crank, weight 30 lbs.....	\$6.00
No. 5 B, with Balance Wheel, weight 55 lbs.....	\$8.00



# The Townsend Horse Lawn Mower.



This mower has triple ratchet. Can change the height of cut instantly. The driver has perfect control of the blades; it can be thrown out of gear without stopping the horse.

## Prices.

30 inch.....	\$60.00
38 inch.....	\$70.00

Send for descriptive circular.

## "Victory" Lawn Mower.

This machine has Ball Bearings of the very highest grade, which reduce the friction astonishingly and render it possible to use much wider machines than heretofore.

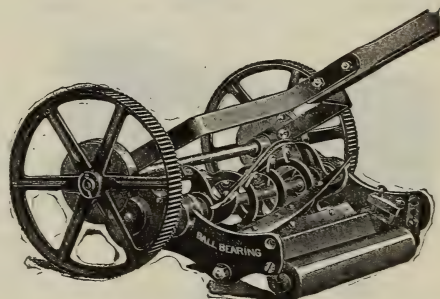
Triple gear entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

The adjustments are the simplest, most perfect and most positive.

These mowers are high speeded and have a four bladed reel, which leaves the lawn with a very smooth and velvety surface.

Width of Cut.

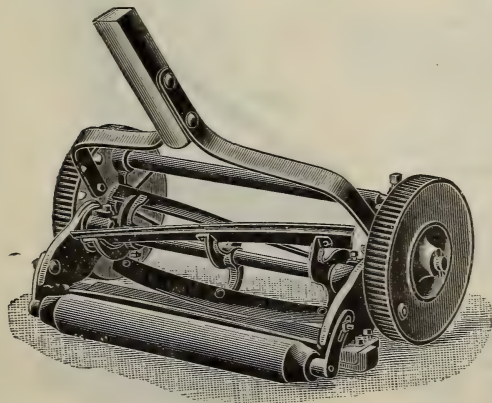
14 inches.....	10 inch wheel.....	
16 inches.....	10 inch wheel.....	
18 inches.....	10 inch wheel.....	



Manuf'r's Price.

R.B.D. & Co.'s Price.

\$20.00	\$ 8.00
\$22.00	\$ 9.00
\$24.00	\$10.00



## The Sterling Lawn Mower

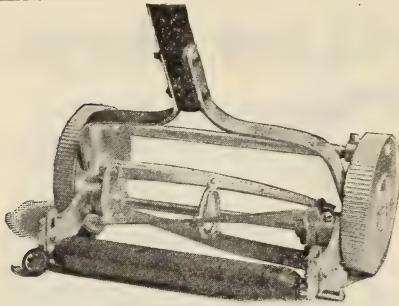
### Medium Priced But Good.

This mower is made with an open reel, with three knives,  $7\frac{1}{4}$  inch wheels.

The draft is very light and runs readily and easily with a boy or man pushing it.

It is made of the finest material, has fine workmanship on it, nicely finished and is a thoroughly good Mower.

Width of Cut.	Manuf'r's Price.	R.B.D. & Co.'s Price.
14 inches.....	\$17.00	\$3.50
16 inches.....	19.00	4.00
18 inches.....	21.00	4.50



## The Sterling Lawn Mower.

With Ball Bearings.

This is a medium grade machine with Ball Bearings. It is light of construction, very easy running and durable.

The best Ball Bearing mower ever put on the market for the money.

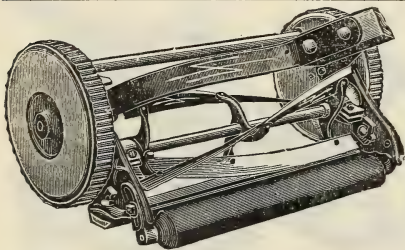
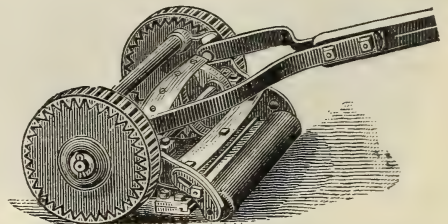
### Prices.

16 inch.....\$5.00      18 inch.....\$5.50

## The Thomas Lawn Mower.

A very durable high grade mower. Its construction is of the best, simple of adjustment, fine finish and lightest draft.

Width of Cut.	Manuf'r's Price.	R.B.D. & Co.'s Price.
14 inches.....	\$17.00	\$4.00
16 inches.....	\$19.00	\$4.50
18 inches.....	\$21.00	\$5.00



## The Bangor Lawn Mower.

This mower is manufactured for the purpose of meeting the demand for a low priced mower. The material, workmanship and finish is first-class.

A good mower for the money.

Width of Cut.	Price.	Width of Cut.	Price.
12 inches.....	\$3.00	16 inches.....	\$3.50
14 inches.....	3.25	18 inches.....	3.75

## Superior Steel Hand-Power Roller.

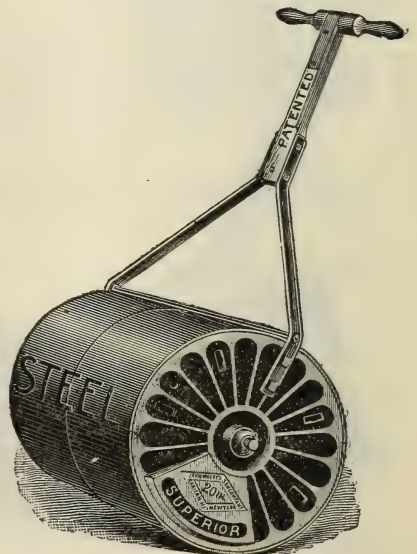
Wet soil and grass clippings will not stick to steel as they will to cast iron. Smooth surface and close joints only will perfect Lawn, Walk or Tennis Court.

The sections are made of smooth rolled steel.

The axles are of polished machinery steel and the journal boxes are of lathe bored and babbitted to reduce friction.

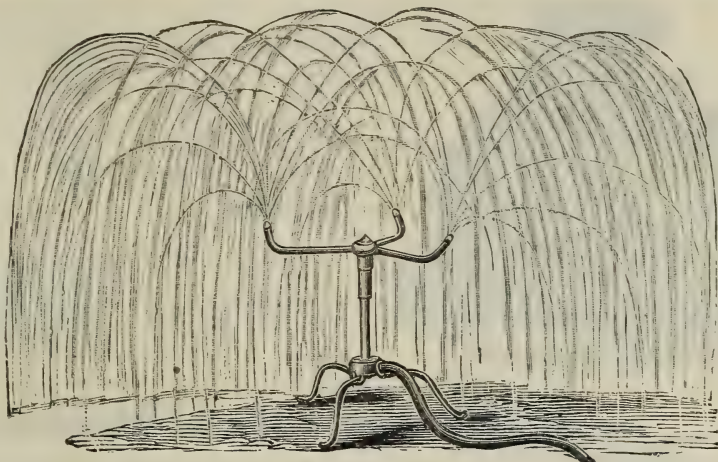
The handle stands erect automatically. The rims are cushioned to prevent breakage and deaden the disagreeable noise common to ordinary Rollers when in use.

	Sections Each.	Track.	Diameter.	Weight.	Price.
No. C...	2	20 inches	20 inches	275 lbs.	\$13.00
No. D...	2	24 inches	20 inches	300 lbs.	\$15.00
No. F...	2	24 inches	24 inches	400 lbs.	\$18.00





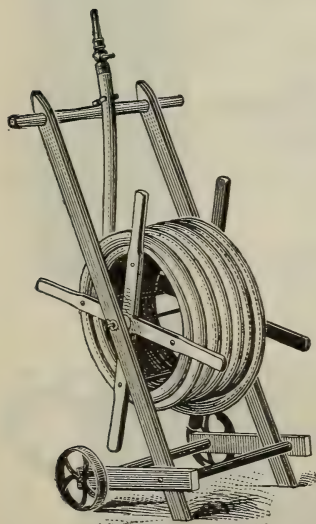
# Crescent Wolverine Lawn Sprinklers.



Stands 15 inches from the ground. Throws a beautiful spray from 10 to 25 feet, according to the pressure.

Price, Brass, \$1.25.

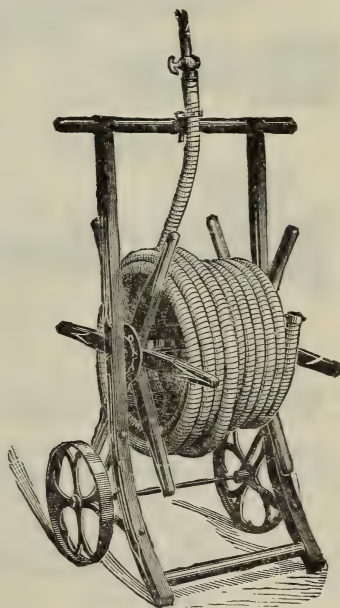
Price, Nickled, \$1.50.



This Reel is the strongest, most durable and the best cheap reel made. Carries 50 feet of  $\frac{3}{4}$  inch hose. Is made of hardwood, bolted together and painted.

Price, \$1.00.

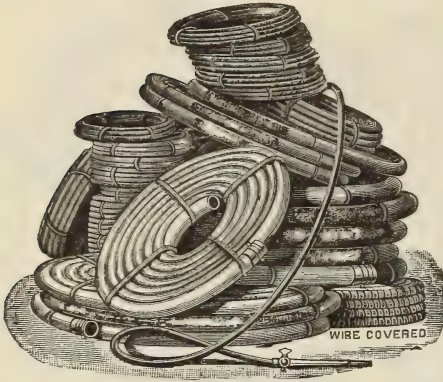
## HOSE REELS.



This Reel will carry 100 feet of  $\frac{3}{4}$  inch hose. It is made of white ash. Nicely painted vermilion red and varnished. Very strong and durable.

Price, \$2.00.

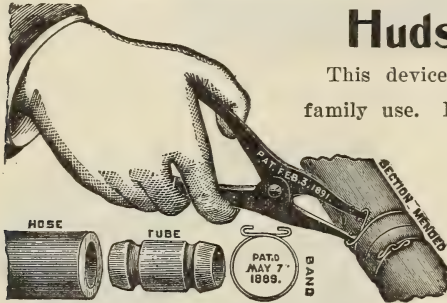
## Garden and Lawn Hose.



We carry a full line of garden hose in 1, 3-4 and 1-2 inch, both in Rubber and Cotton, suitable for ordinary or heavy pressure. All of our hose is warranted and is sure to give satisfaction.

We also carry steam hose.

Prices furnished on application.



## Hudson's Hose Menders.

This device is put up in boxes and is especially adapted for family use. It is made in two sizes, for 1-2 inch and 3-4 inch hose. Each box contains 1 pair pliers, 6 tubes and 20 bands. The pliers are made of refined iron, nicely japanned. The tubes are of sheet brass and the bands are of best malleable brass wire.

Price per box 1-2 or 3-4 inch, 75 cents.



## Fairy Hose Nozzle.

The best form of combination Hose Nozzle, throwing either a straight stream or Spray.

Price, Brass, 75 cents.

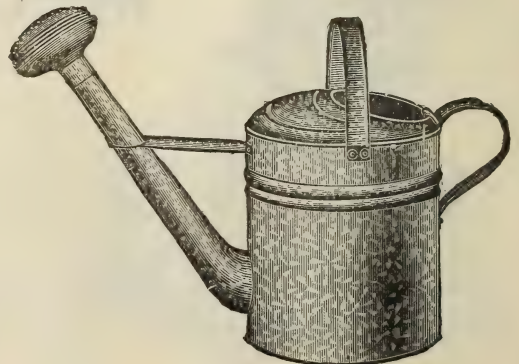
Price, Nickled, 85 cents.

## Water Sprinklers.

Made of heavy galvanized iron, will not rust and wear out as the cheap tin sprinklers do. These sprinklers have movable heads which screw on; there is no joint in the tube and no leaking. Heads easily removed to cleanse the holes.

### PRICES

4 quart 40	8 quart 60c
5 quart 45	10 quart 70c
6 quart 50	12 quart 80c
16 quart 90c	





# STANDARD TREE PRUNER.



- It does not crush the wood like the thick bladed shears.
- It is the lightest device made for the purpose.
- It will cut larger wood than any other device that is practical to handle.
- It will clip the slightest twig on the extreme end of the limb.
- It will reach higher than any other.

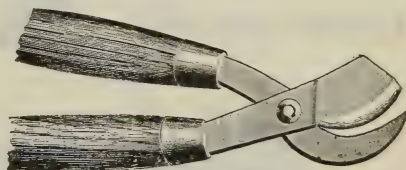
## PRICE LIST.

8 feet, \$1.00    10 feet, \$1.00    12 feet, \$1.10

## Rockdale Pruners.

For cutting large branches; very strong and of finest quality.

Price.....\$1.00.



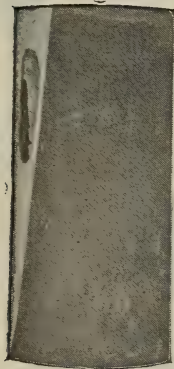
## AXES.

SOLE AGENTS FOR THE  
**DAMON BROS.**

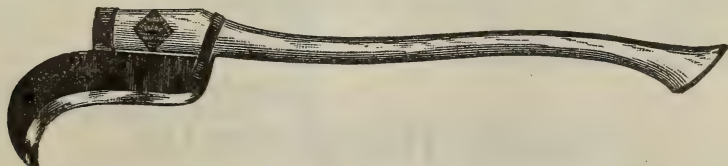
**Hand Hammered Warranted Axes**  
MADE IN DAMASCUS, MAINE.

## PRICES.

Maine pattern.....	\$1.00 each
Wedge pattern.....	\$1.00 each
Double Bitted.....	\$2.00 each



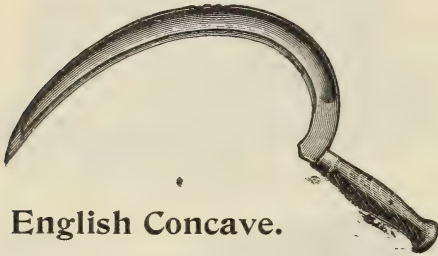
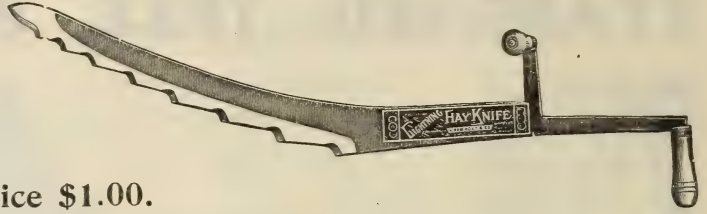
## STRAPPED EYE BUSH HOOKS



PRICE = = = \$1.00

The  
Lightning  
Hay  
Knife.

Solid Steel. Price \$1.00.



English Concave.

ENGLISH CONCAVE  
GRASS HOOKS

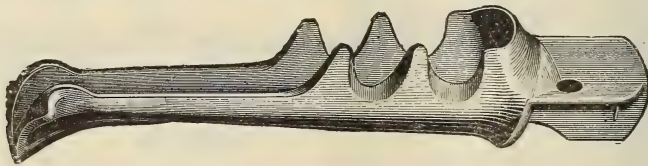
The Best Grass Hook Made.

Price .....50 cents  
Common Grass Hooks.....25 cents

Serrated Edge  
Corn Hooks.

Made of specially selected spring steel and carefully tempered. One of the best tools for cutting corn ever put on the market. The serrated edge makes it cut very easy, and the correctly shaped handle makes it very convenient and easy to use.

Price.....50 cents.



Post's Improved Eureka Sap Spout.

With Patent Air Trap.

This is the only Sap Spout that is made on strictly scientific principles. They are the most simple, durable and economical. They apply to the tap hole in the tree firmly and without leakage or breakage and obstruct no pores of timber.

Price per hundred, regular size..... \$1.75.

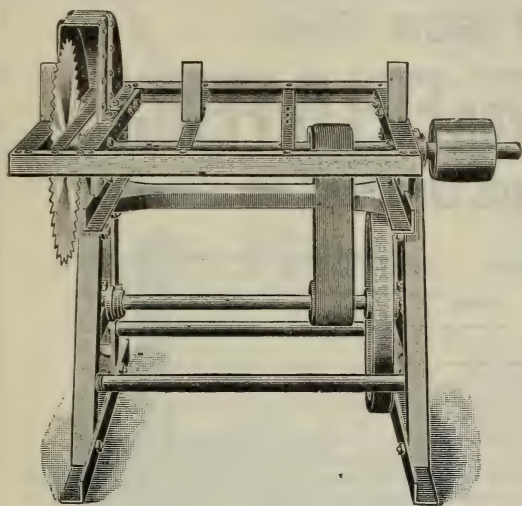
Price, per hundred, short size..... \$1.50

Ruddy Harvester Oil.

A perfect lubricant for all kinds of Farm Machinery, Threshing Machines, Wind Mills, etc.

Price, per quart can.....30 cents. Price, per gallon.....75 cents.





## Slide Table Steel Frame Wood Saw.

This saw has the balance wheel below the table, so as to admit of Pole Sawing. It is built of heavy steel and iron, is strong and durable and a great favorite with all who use it.

Being made of steel it is lighter than a wood frame, which makes it much easier to handle.

Write for prices.

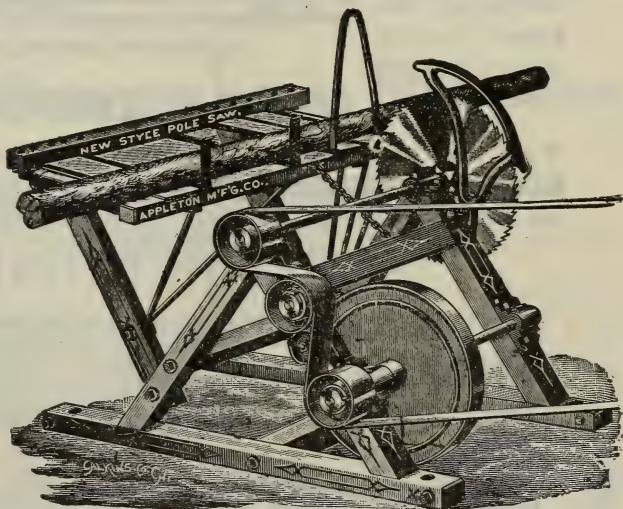
## New Style Pole Saw-- Wood Frame.

It has a heavy balance wheel underneath the frame and out of the way of the operator, making it possible to handle long poles about as rapidly and conveniently as cord wood.

The frame is strongly constructed of carefully selected and well seasoned timbers and is immeasurably superior in this respect to the shoddy imitations with which the market is flooded.

Its construction is simple, making it easy and safe to operate, no gears to break, no complications to get out of order.

Write for prices.



## Wood Saws.

Wide or narrow Blades.

Prices from 50 to 75 cents.

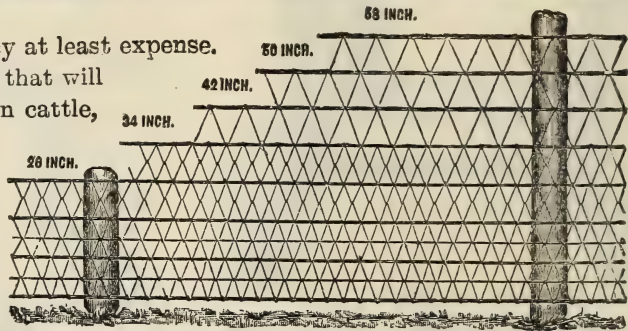
All of our best saws fully warranted.



# AGENCY FOR THE ELLWOOD ALL STEEL WOVEN FIELD FENCE, POULTRY AND RABBIT FENCE, LAWN FENCE AND CRIB FENCE.

Absolute efficiency at least expense.

A practical fence that will positively turn cattle, horses, hogs and pigs. A fence that is strong, practically everlasting, proven thoroughly efficient under every possible condition.

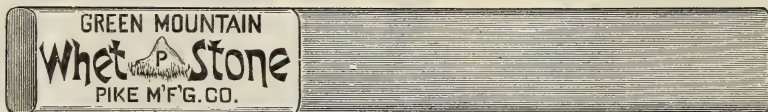


ELLWOOD FIELD FENCE (Standard Style).

**EVERY ROD OF ELLWOOD FENCE IS GUARANTEED.**

If you want your fencing problems satisfactorily solved, call and see the **ELLWOOD FENCE** and let us show you for how little money you can get absolute satisfaction.

## SCYTHE STONES.



A round oval shaped stone of very sharp grit. Price 5 cents.



Bluish gray in color, fine sharp grit. Round oval in shape. Price 10 cents.



Flat, square finish, 1 1-3 inches wide by 3-4 inches thick. Fine sharp grit. Price 10 cents.



Flat octagon in shape; fine gritted and very sharp and fast cutting. Price 10 cents.





## SECTIONS.

We carry a full line of sections for all the leading mowers. In ordering be sure and mention size of section wanted.

Price.—Sections, any kind 5 cents each; per box of 25, \$1.00; rivets included.

## Knife Heads

for all the leading mowers.



## Guard Fingers

for all the leading mowers.

## The Dollar Mower Knife Sharpener



Is the handiest and best tool for sharpening MOWER KNIVES. With it the sections can be ground back to the angle and the knife sharpened in the field. It is to the Mower Knife what the whetstone is to the scythe. No water required. Will not glaze. Saves its cost in one day's use.

Price \$1.00. Extra Stones, 40 Cents.



Iron Frame  
Iron Sheave Pulley.

Price 25c



Iron Frame  
Maple Sheave Pulley.

Price 25c



Wrought Iron  
Floor Hook.

Price 15c



Steel Grapple.

Price 50c

Pure Manilla Rope for Horse Forks at Lowest Market Prices



Double Harpoon.  
Horse Pitchfork.

Price \$1.25

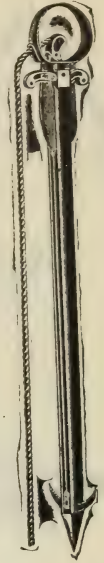
We have extra large Double Harpoon Forks for handling straw or light hay, if desired.

Write for prices.



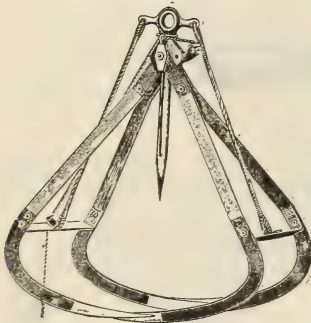
Single Harpoon  
Horse Pitchfork, Walker  
Pattern,

Price \$1.50



Single Harpoon, Horse  
Pitchfork, Nellis Pattern,

Price \$2.50



## Grapple Horse Pitchfork.

These forks are made from the best quality of spring steel and highly finished.

They never fail to give satisfaction.

Price of Four Tine.....\$5.50

Price of Six Tine.....\$6.00

## Mounted With Specially Selected Stone.

This frame is made of seasoned hardwood. The legs are securely gained into the side pieces and the ends are in one piece. Two bolts at each end pass through the entire frame from side to side. The ends of the side bars are neatly turned to serve as handles.

The "SAMSON" being strongly braced and bolted stands absolutely solid. It is one of the strongest and most showy frames made.

No. 1. Stone from 28 to 30 inches in diameter \$3.75.

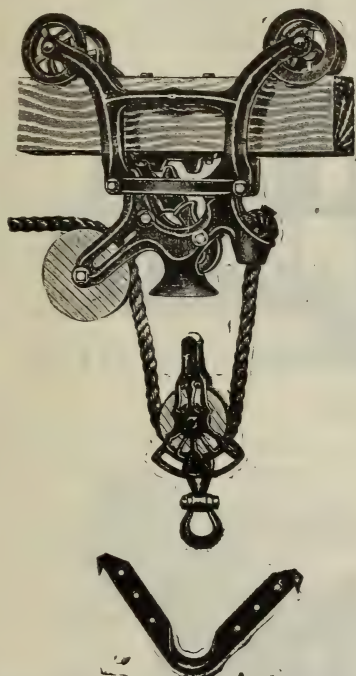
No. 2. Stone from 24 to 26 inches in diameter \$3.50.

When not otherwise ordered, we ship Mounted Grindstones knocked down. If desired set up, it should be so specified.





## Ney's Swivel Reversible Wood Track Hay Carrier.



**Rafter Bracket for Wood Track.**  
75 cents Per Dozen.

### For 4x4 Wood Track.

This carrier is made entirely of malleable iron. All wheels revolve on turned iron bushings. Most simple lock ever devised; contains no springs, lugs or pins to break or wear out. Will not pass the trip block while in operation. The most convenient Reversible Carrier on the market.

**Price, \$4.00**



**Track Hanger For Wood Track.**  
\$1.00 Per Dozen.

## Ney's Swivel Reversible Steel Track Hay Carrier.

This carrier possesses advantages as a reversible carrier that cannot be found in any other machine. It will not pass the Bumper or Trip-Block while in operation, has the most simple lock of any carrier yet produced. The lock is positive and the load is held sure and cannot fail to work perfectly.

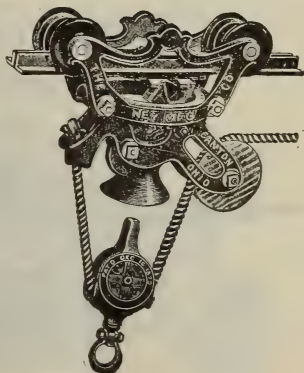
Price of Carrier.....\$4.50

Price of Steel Track, per ft..... .12

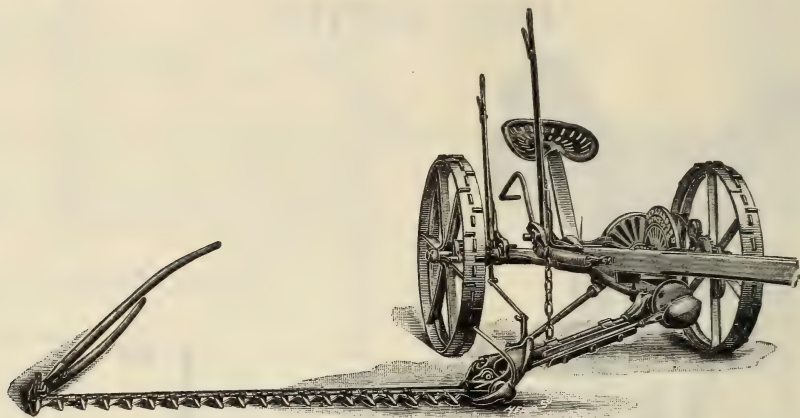
Track comes 6, 8 and 12 feet lengths.

Rafter Brackets for steel track.....75 cents per dozen.

Track Hangers for steel track.....\$1.00 per dozen.



## THE WORCESTER BUCKEYE MOWER.



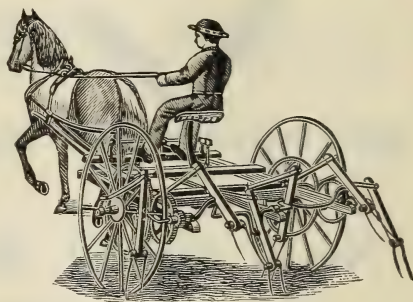
**New Standard Gear.**

Light draft, very simple in construction, and of extraordinary strength and durability. Send for descriptive catalogue and price list. We carry a complete line of repairs for the Worcester Buckeye mower.

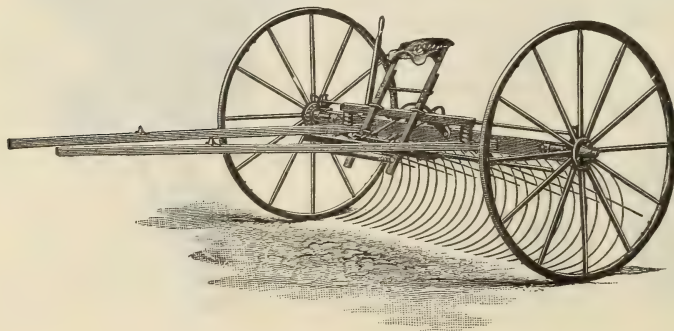
## Bullard's Improved Hay Tedder.

The Bullard Improved Hay Tedder having been submitted to the severest test of field work, is admitted to be the only one yet offered to the public that will thoroughly spread long, heavy grass, taking it up from the bottom, tossing it gently into the air, and leaving it light upon the ground for free access of sun and air.

**Price on Application.**



## WORCESTER HORSE RAKE.



It is made from right principles, simple, strong, durable and reliable. Will rake the roughest places as well as smooth ground.

It is so easily managed that a boy can run it as well as a man.

**Price on Application.**



## NEW YORK CHAMPION HORSE RAKE.

The New York Champion Rake  
Has Many Imitators, But  
No Equals.

### Why It Takes the Lead.

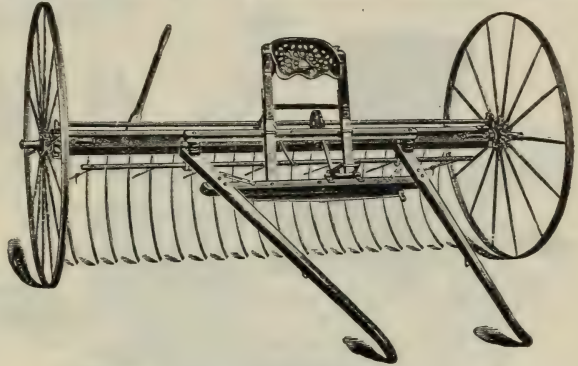
It has our patent tooth to prevent scratching.

It has no springs to get out of order.

It produces no jar on the thills when dumping.

It is so easily managed that a boy who can drive a horse can use it as well as a strong man.

Every rake warranted. Write for prices.



## THE KEMP MANURE SPREADER.



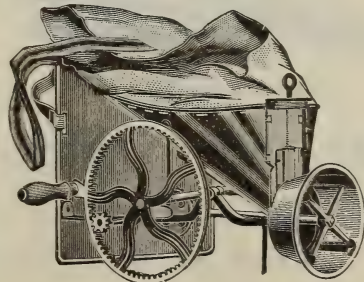
The Kemp Manure Spreader will evenly and thoroughly spread all kinds of manure found upon the farm, from the roughest and toughest down to the finest, including ashes in all conditions, wet or dry, and the time required to spread a load is from one and a half to two minutes, without manual labor. It can be regulated to spread different quantities of manure to the acre.

Send for descriptive Circular and Price List.

## Pierce's Improved Cahoon's Patent Broadcast Seed Sower.

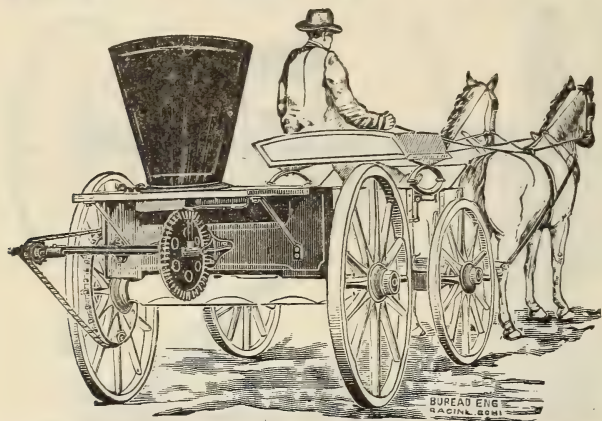
For sowing Wheat, Barley, Oats, Buckwheat, Rye, Grass Seed, etc. Sows from four to eight acres per hour, at a common walking gait, throwing out wheat about forty feet wide.

A person entirely unused to sowing by hand can use this machine with perfect success.



Price \$3.50

# RACINE BROADCAST SEEDER



It will sow perfectly any quantity to the acre of all kinds of grain, Wheat, Oats, Barley, Rye, Buckwheat, etc., or Grass Seeds, Clover, Millet, Timothy, Hungarian, etc. It will also sow Flax Seed, Hemp Seed, Peas, Corn and Fertilizers, in fact, anything which requires broadcasting, in a most satisfactory manner. It is the latest Wagon End Seeder on the market and superior to all others. It is heavier and stronger than any other seeder in use.

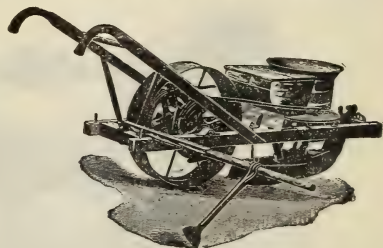
**Price \$9.00.**

Send for descriptive circular.

## The "King of The Cornfield."

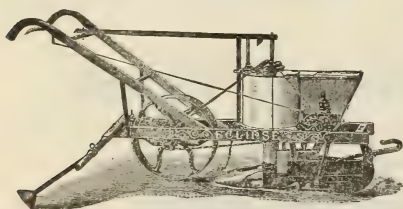
**Corn Planter and Fertilizer  
Distributor,**

**Superior to all for Planting Field Ensilage  
and Fodder Corn, Broom Corn, Beans,  
Peas, Beets and Other Seeds  
of Like Size.**



This Planter is perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, in consequence of its having no gears, chains or other complicated parts to break or wear out. Anyone can at once understand and manage it. An important feature in this planter is that none of the working parts, except the Drive Wheel, are in motion only at the instant the seed and fertilizer is dropped in the hill, then it remains still until the next hill is reached. Corn planted by this machine germinates much quicker and comes up much more uniformly than if planted by hand.

Circulars and Price List mailed on application.



## ECLIPSE CORN PLANTER AND FERTILIZER DISTRIBUTER.

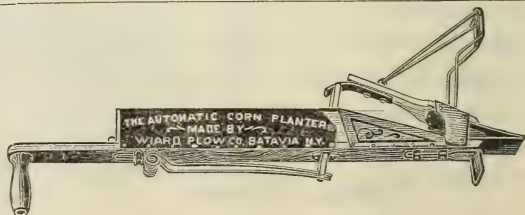
Plants corn, beans, peas or beet seeds, in hills, drills or checks.

Circulars and Price List mailed on application.

## AUTOMATIC HAND CORN PLANTER.

Plants as fast as a person can walk.  
Simple and well made.

**Price \$2.00.**





## Garden Trowels.



Stained wood handle, steel blade,  
Price, 10 cents  
Japanned wood handle, steel blade,  
Riveted. Price, 15 cents

## Transplanting Fork.

Japanned wood handle, malleable tines.  
Price, 10 cents.



## EXCELSIOR HAND WEEDER.

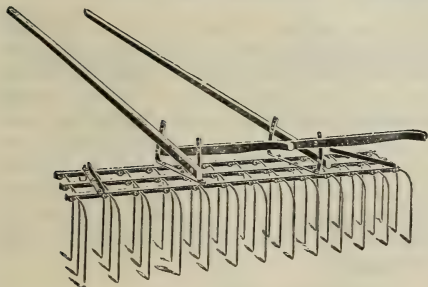
Japanned wood handle, malleable tines,  
Price 10 cents.

## Noyes' Hand Weeder.

Steel blade. Price 25 cents.



## Standard Steel Frame Weeder.



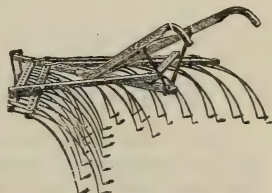
This weeder is well made, strong and durable. It has a set of runners, not shown in cut, which regulate the depth of cultivation. When the weeder is used on soft ground, and shallow cultivation is desired, the runners may be set so as to cultivate at the depth desired. They are also very useful in transporting the weeder to and from the field and from one field to another.

Price \$8.00.



## The "Keystone" Weeder.

Can be expanded to 7½ feet and narrowed  
to 30 inches.



Narrowed to 30 inches.

Expanded to 7 1-2 feet.

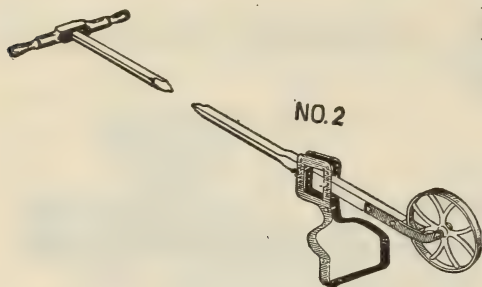
The "KEYSTONE" is the only Weeder that is adjustable to any depth and width. It can be used as a shallow cultivator—working close to the plants between the rows until the crops mature—long after other weeders are laid aside.

It has no shafts that will hinder working close to the fence.

**IT WILL NOT CLOG**—The long, curved, spring teeth are so placed and shaped that clogging is impossible.

It is V shaped, which not only makes it a stronger tool than the straight framed weeders but adapts itself much better to uneven surface.

Price \$9.00.



## Fuller's Unique Wheel Hoe No. 2

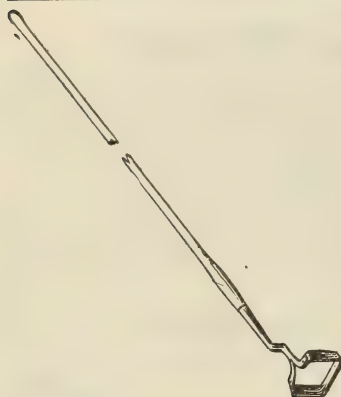
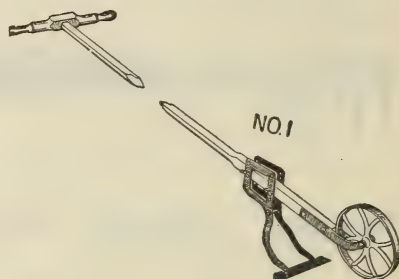
For closely planted crops, as beets, carrots, onions, etc., this hoe is without an equal and can be used the entire season. Having only one wheel it runs between the rows without bruising the tops; and having no frame work it does not tear the growing plants on either side. The great feature of this hoe above all others is that it can be easily and quickly adjusted to any height or pitch desired by means of thumb nuts. The entire hoe weighs less than ten pounds and yet is a most practical tool.

Price \$2.50.

## Fuller's Unique Wheel Hoe No. 1

For cutting over yards or avenues, walks and driveways in cemeteries and parks Fuller's Unique Wheel Hoe No. 1 stands far ahead of all other tools. It is light, strong and durable and does most satisfactory work where other hoes have failed. The steel blades are exceptionally hard and heavy so as to give little wear and great resistance. Being easily adjusted to any height or pitch, the long tedious work of the hand hoe is superseded by ease and facility.

Price \$2.50.



## Fuller's Daisy Scuffle Hoe No. 4.

This scuffle hoe is far in advance of the common scuffle hoes on the market, in that it cuts both ways having both edges of the knife sharpened and the start pitched so that it cuts equally with a draw motion toward the operator as with a push from the one using the tool. The handles are of ash six feet long. Those who have used it like it very much for hoeing over small yards and short walks, for hoeing between rows of closely planted crops, where a quick stirring of the top soil is desired. It can be used wherever a scuffle hoe is commonly used, with much better results.

Price 60 cents.

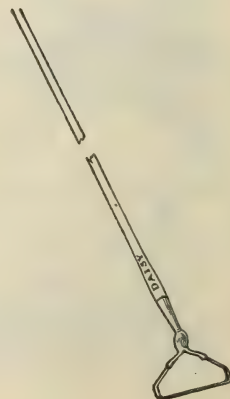
## Fuller's Daisy Scuffle Hoe No. 5.

No 5 is a short handled scuffle hoe of very light, narrow steel for hoeing and thinning celery, lettuce and all similar crops. The handle is four feet long and the steel is of good quality and bent as seen on the accompanying cut, so that there will be no clogging. It can be used in various ways, so that the entire weeding can be accomplished easier and much quicker than by ordinary methods.

### PRICE

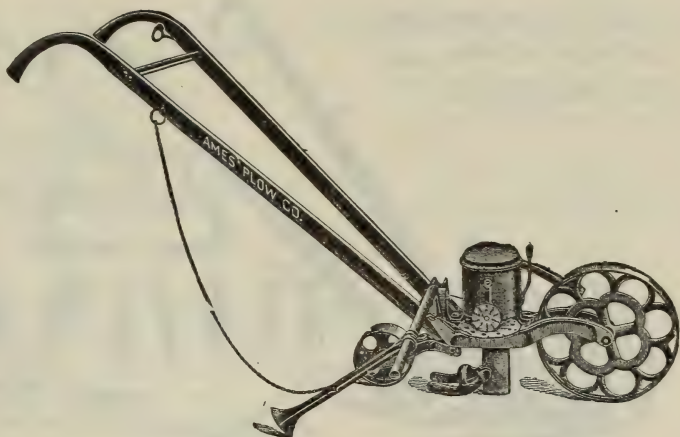
6 inch Blade ..... 40 cents

8 inch Blade ..... 50 cents





# Matthews' Garden Gem Drill.



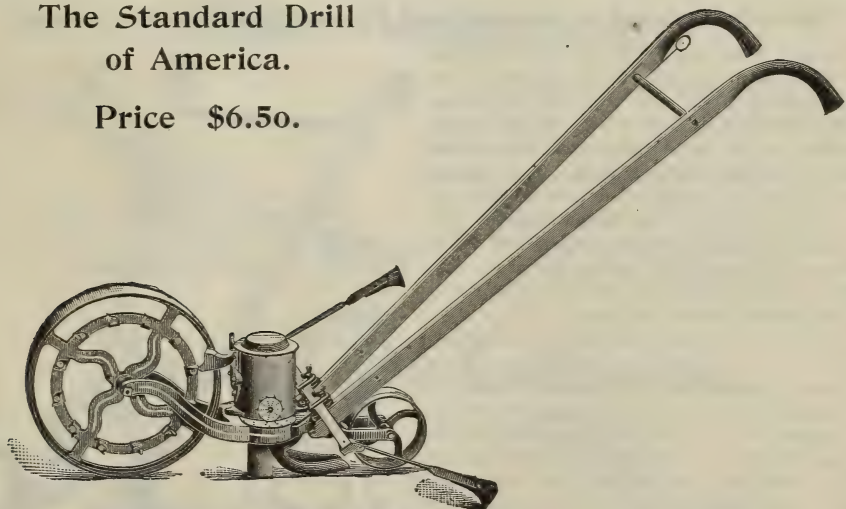
This has been perfected to meet the demand for a low price drill. It has all the essential qualities of the larger and more expensive drills, the Seed Dial and Indicator being made from exactly the same patterns.

**Price \$5.00.**

# Matthews' New Universal Garden Drill.

**The Standard Drill  
of America.**

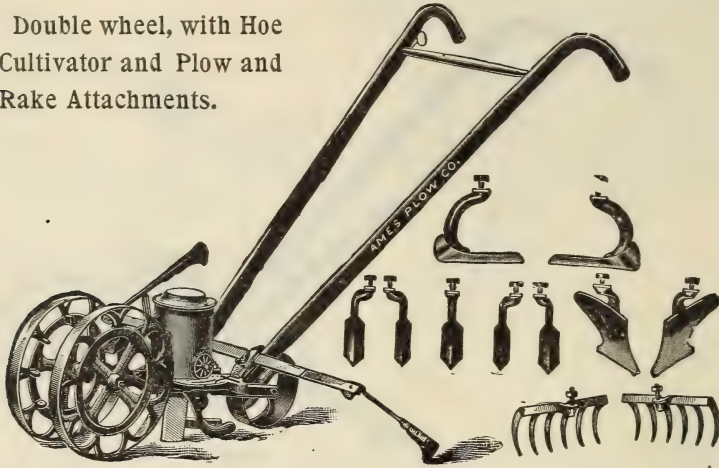
**Price \$6.50.**



NONE BETTER CAN BE PRODUCED. Medals and testimonials confirming its superiority over all other Drills have been repeatedly bestowed upon it from all quarters, and as it has been improved from time to time it is now everywhere acknowledged to be **THE MOST PERFECT DRILL MADE.** It has been many years in use and its still increasing sale is the best evidence of its merits. Send for Descriptive Circular.

## Matthews' New Universal Model Combination Drill.

Double wheel, with Hoe  
Cultivator and Plow and  
Rake Attachments.



This is the same machine as described on page 67 with cultivating attachments. It can be used either as a Double Wheel machine and change can be readily made. We do not particularly recommend a two-wheel seed sower, as the nicer work may be accomplished by a one wheel machine. The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled and the cultivating done on both sides of the rows at one passing. **Price \$8.50.**

## New Universal Double Wheel Hoe, Cultivator, Plow and Rake

Specially Designed for Working Both Sides of the Row at One Passing.

This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which can not fail of appreciation. The special recommendation is the ADJUSTABLE ARCH, by which not only the depth of work can be gauged but which, by an ingenious device, enables the teeth to be pitched at any angle desired.

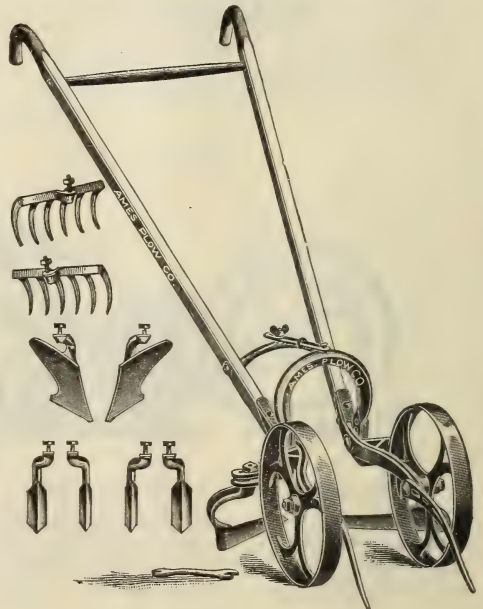
It can be pushed straight ahead but better results are obtained by using it same as a scuffle hoe with successive strokes of length to suit the nature of soil and crop.

It can be used either astride of or between rows.

It is so symmetrically constructed that in passing astride rows of large plants the foliage once raised by the vine guards meets no obstruction between the wheel arms and the arch and is, therefore, dropped by the implement without unnecessary damage and without delaying the operator.

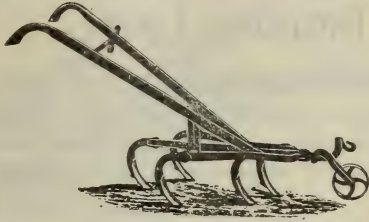
There are nine adjustments of depth. The attachments are: 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 pair Vine or Leaf Guards. **Price \$5.25.**

Price with hoeing blades only \$3.50.





## Syracuse Steel Frame Cultivator.



No. 81.

Standards Separable and Adjustable. Side Shifting Handles.

A good Cultivator at a Low Price.

No. 81.—Five 3-inch Points and wheels (see cut), ..... \$3.50

No. 83.—Same as No. 81 with Wing Points and Shovel Point added.....\$4.00

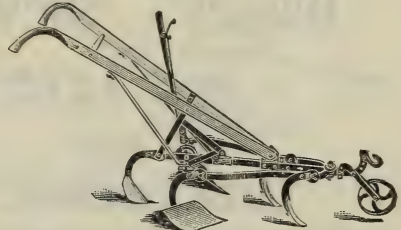
## Steel Frame Lever Cultivator.

This is the Best Lever Cultivator Ever Put on the Market for the Money.

Made with stiff heavy steel frame, steel wheel strap, strong, durable and steady running.

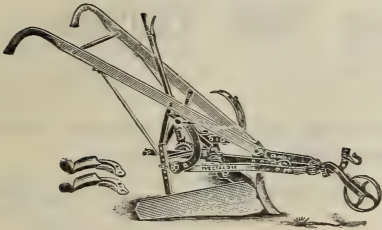
No. 121.—Expanding lever, five 3-inch Points, ..... \$4.50

No. 123.—Expanding lever, five 3-inch Points, Wing Points and Shovel Points (see cut),.....\$4.75



No. 123.

## Steel Frame Lever Cultivator With Hiller Attachment.



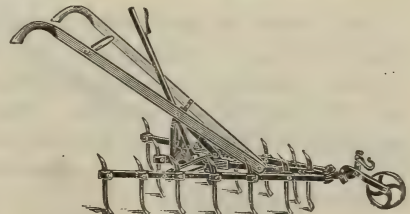
No. 124.

Unsurpassed for all hilling purposes. By reversing the Sweeps and fastening Center Standard to the rear end of the Bar, it is changed into an excellent Coverer.

No. 124.—Expanding lever, five 3-inch Points, Hiller Sweeps and wheel..... \$5.50

## Spike Tooth Cultivator.

Especially adapted to pulverize the soil and leave it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by simply loosening one bolt at each tooth.

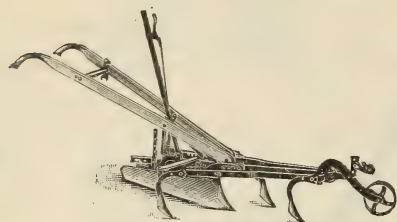


No. 114.

No. 114.—Expanding lever, fourteen Spike Teeth and Wheel.....\$5.25

# Syracuse Steel Frame Cultivator

## With Hiller Sweeps and Expanding Lever.



No. 101.

This cultivator is made with an extra long and extra heavy frame, and is a style largely used throughout this section. This cultivator is especially adapted to a great variety of work.

No. 101.—With expanding lever.....\$6.50

No. 76.—Without expanding lever.....\$6.00

# Hussey's "New Model Centennial"

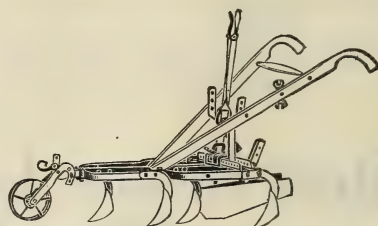
## Lever Cultivator.

### OUR NEW LEVER EXPANDER.

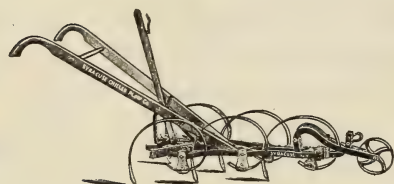
Is simple, strong and easy to operate. Has no "Dead Centres," and no Loose Joints. Adds stiffness to the entire frame.

Price, with lever.....\$7.00

Price, without lever.....\$6.50



# Syracuse Steel Frame Spring Tooth Cultivator.



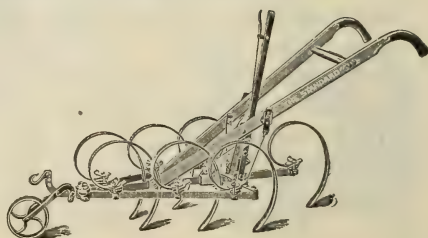
A very strong and durable Cultivator, especially adapted for rough stony ground.

Price, with lever.....\$6.00

# Standard Steel Frame Spring Tooth Cultivator.

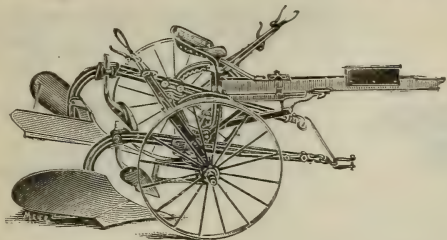
This series of Cultivators is especially adapted for use in stony ground. The frames are steel, strong and well put together throughout. The castings are malleable. The teeth are fine oil tempered springs and are alike and interchangeable; they are also adjustable for angle and depth.

Price, with lever.....\$5.00





# Syracuse Reversible Sulky Plow.



Does perfect work on Hillside or Level land. No ridges or dead furrows. Light and strong. Simple and practical.

Two perfect Combination Plows on separate Steel Beams, operated by separate levers.

A power lift of simple design and easily handled, enabling any boy competent to handle horses, capable of running the plow.

Steel wheels running on steel axle.

With each Sulky is furnished Neck Yoke and Two-Horse Whiffletrees, Wrench and Oil Can. Descriptive catalogue and price mailed on application.

## Syracuse Steel Beam Steel Plows.

Plows furnished with either Jointer or Coulter.

No. 32. Light. Two horse.

No. 31. Medium. Two horse.

Send for descriptive catalogue and prices.



Send for descriptive catalogue and prices.

## Syracuse Steel Beam Steel Plow.

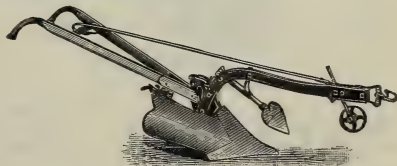
NEW SERIES.

Plows furnished with either Jointer or Coulter.

No. 443. Medium. Two horse.

No. 450½ Three horse.

No. 450. Four horse.



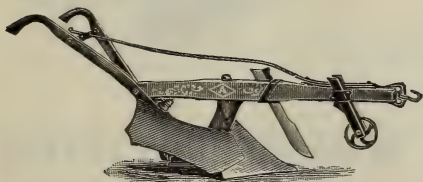
## Syracuse Steel Truss Beam Swivel Plows.

This is a very light steel beam swivel plow. Side shifting handles. Fitted with either Automatic Jointer or Automatic Coulter.

No. 812. Light. Two horse

No. 811. Medium. Two horse.

Send for descriptive catalogue and prices.



## The Diamond Series Swivel Plow.

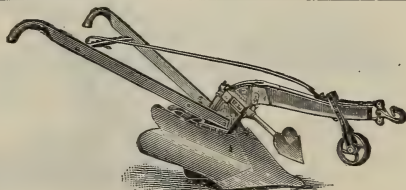
A very light weight plow, of good capacity. Easily handled and does good work. Made in three sizes.

Send for description and prices.

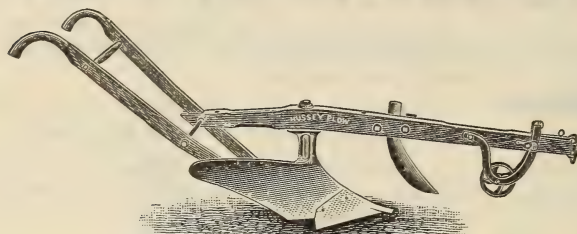
## Syracuse Iron Beam Swivel Plow

A very popular plow on rough stony land. Fitted with either Jointer or Coulter.

Send for descriptive catalogue and prices.



## HUSSEY "HARD METAL" PLOW.



Made in Six Different  
Sizes.

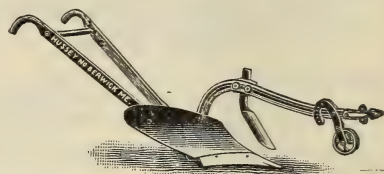
We carry a full line of repairs  
for both new and old series.

Send for descriptive catalogue  
and prices.

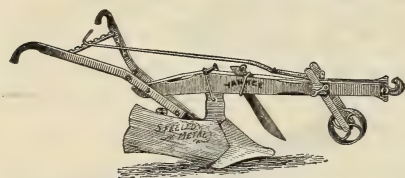
## Hussey Steel Beam Steel Plow.

Made in three sizes. A very popular general purpose plow.

Send for descriptive catalogue and prices.



## The Yankee Swivel Plow.



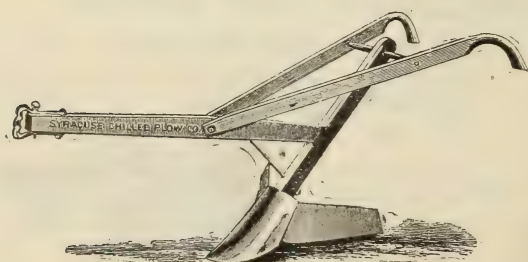
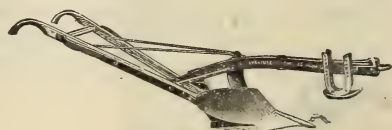
A very perfect working Reversible Plow. It has a wood beam, steeled metal mould-board, with patent, steel shifting lever and clevis. Manufactured in four different sizes.

Send for catalogue and prices.

## Syracuse Contractors' Plow.

Steel truss beam. Steel Mouldboard and Landside. Separate shin piece. Heavy overlaid wrought steel point. Adjustable shoe in place of wheel. Loop handle wear irons. Very strongly built. Slight turning capacity. Suitable for severe grading purposes in shale or hard pan.

No 99. Four to eight horse. Weight with shoe, 265 lbs. Send for prices.



## Wood Beam Wing Shovel Plow.

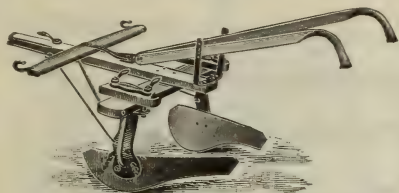
Blades and wings of steel. Wings adjustable to throw more or less earth. Especially adapted for hilling potatoes and other light work.

Price, without wheel.....\$3.00

Price, with wheel..... 3.25



## THE "IMPROVED BANGOR" POTATO HOE.



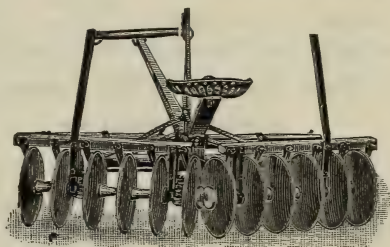
This hoe is especially adapted as a potato, corn or celery hiller, or as a coverer. Wings are polished steel, are adjustable to tilt up or down on the standards, and the desired distance apart by moving standards in or out upon the cross bar. Our hoe for 1903 has some valuable improvements, the cross bar is strengthened with iron braces, which connect it with the pole making a strong and durable frame.

Price, \$8.00

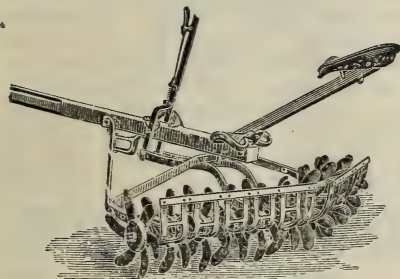
## THE YANKEE PULVERIZER.

A Superior Disc Harrow, combining all the late improvements.

Send for Descriptive Catalogue  
and Prices.



## The Morgan Spading Harrow.



freely can be adjusted to any desired angle by the hand levers. The cleaners are stationary and clean the harrow no matter what the condition of the soil.

The Morgan Spading Harrow is an "all around general purpose Harrow" and is adapted to all soils and conditions of soils. While not particularly attractive or handsome in appearance, a trial will convince any farmer that it will do the work. As a pulverizer, it is unequalled, and especially on broken or uneven surfaces, among stones, in sod or heavy clay. It has more cutting surfaces than any pulverizer in the market. The high arched frame allows it to pass over obstructions easily. The blades are S-shaped and overlap; they cut into and lift the soil to a depth of 4 to 6 inches, turning and pulverizing the ground precisely like the hand spade. The gangs which float

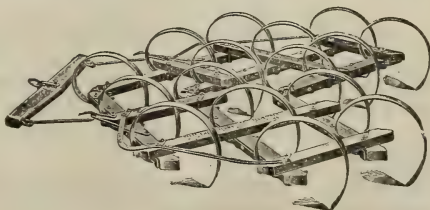
Send for descriptive circular and prices.

## Old Original Perry Harrow.

The Wood Frame Perry Harrow is the most durable of the spring tooth harrows. Is simplicity itself. Iron plated on the under side and in front the entire length. Teeth cannot get loose. No levers or joints to wear and get out of repair. Harrows of this kind have been in constant use for fifteen years.

PRICES.

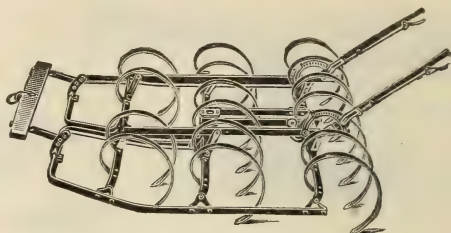
14-Tooth, \$10.00; 16-Tooth, \$10.00; 18-Tooth,  
\$11.00.



## Syracuse Spring Tooth Lever Harrow.

This style of Harrow has an advantage over the ordinary float harrow in that the depth of work can be quickly changed even while the harrow is in motion, and by operating the levers a uniform depth can be maintained in soils of variable hardness. The Harrow will clog less and clear easier than any other Harrow on the market.

15-Tooth Harrow, \$16.00; 17-Tooth Harrow, \$17.00.



## Syracuse 1-Horse Spring Tooth Harrow.

Frame of steel similar to 2-horse Harrow and is the best 1-horse Harrow in the market.

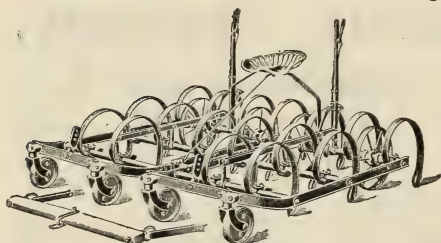
**Ten Tooth With Lever.**

**Price, \$9.00**



## The Mohawk Steel Frame Riding Harrow

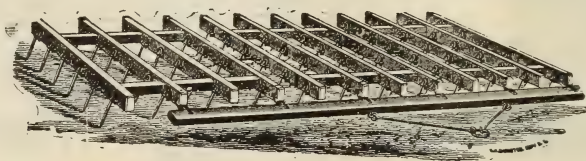
Made in 15-Tooth Size Only.



Without question the best and simplest riding harrow ever put on the market. It is so constructed that it will conform to uneven ground as well as a float harrow. The levers are within easy reach of the driver, and the harrow can be dumped with the freedom of a horserake. It has a very easy and convenient seat.

**Price, \$17.00**

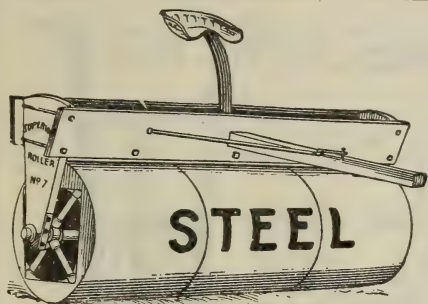
## REVERSIBLE SMOOTHING HARROW.



The teeth are reversible, namely by the draw bar being attached to one end of the harrow, they are slanting, as shown in cut, while if attached to the other end they are vertical, same as the ordinary harrow. With the teeth slanting it is a smoothing harrow. This is not only a smoothing Harrow but a Pulverizer, a Leveler, a broadcast Weeder and Seed Coverer. It is made in sections of twenty-four teeth each. Two, three or four sections may be, but usually three are used.

Two section Peerless Smoothing Harrow, weight 135 lbs.....\$10.00  
Three section Peerless Smoothing Harrow, weight 200 lbs.....\$14.50





## Superior Steel Land Rollers.

This roller has cushioned rims, and will, therefore, stand that which no other roller will. More Superior Steel Rollers in use than all other kinds put together.

	Manuf'r's Price.	R.B.D. & Co.'s Price.
No. 3. Plain Roller, length 6 feet, diameter 24 inches, average weight 550 pounds.....	\$27.00	\$25.00
No. 7. Plain Roller, length 7 feet, diameter 24 inches, average weight 650 pounds.....	29.00	27.00
No. 5. Plain Roller, length 6 feet, diameter 30 inches, average weight 650 pounds.....	33.00	28.00
No. 6. Plain Roller, length 8 feet, diameter 30 inches, average weight 850 pounds.....	41.00	33.00

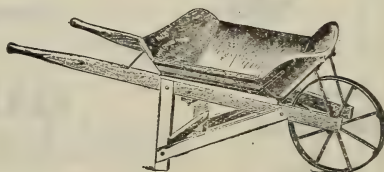
All of the above rollers have three sections.

## STANDARD LAND ROLLERS.

Oak stave drum of two sections.

7 feet long, 28 inches in diameter....\$18.00      8 feet long, 28 inches in diameter....\$20.00

## RAILROAD OR CANAL BARROWS.



No. 122.

No. 4.

No. 122. Wood Tray and Wood Wheel, half bolted.....	\$2.25
No. 123. Wood Tray and Wood Wheel, extra bolted.....	2.50
No. 133. Wood Tray and Steel Wheel, extra bolted.....	2.75
No. 4. Steel Tray and Steel Wheel, extra bolted.....	4.50

## STEEL TRAY TUBULAR BARROWS,



These Barrows are designed and constructed for general use, such as conveying mortar, gravel, coal, etc.

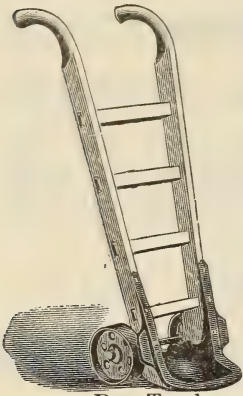
They are securely braced, strong and durable.

No.	Capacity.	Weight.	Price.
80.....	3 cubic ft.....	65 lbs.....	\$7.00
44.....	250 lbs Coal.....	100 lbs.....	9.00



## THE "COLUMBUS" SOLID STEEL SCRAPER WITH RUNNERS.

No. 1 carries 7 feet of earth.	Used for long haul or down grade.	Price \$7.50
No. 2 carries 5 feet of earth.	Used for all ordinary grading, farm or roadwork.	Price \$7.00
No. 3 carries 3 feet of earth.	Intended for work on narrow ditches with one horse.	Price \$6.50



Bag Truck.

## TRUCKS.

Bag Trucks.....\$2.00

Dandy Trucks..... 2.00

**We Also Carry a Full Line of  
HEAVY  
WAREHOUSE TRUCKS,**

Prices quoted on application.



Dandy Truck.



Cast Iron Corner Hay Rack

## Cast Iron Corner Hay Rack.

Price, \$1.60

### CAST IRON CORNER MANGER.

With Food Guard all around.

Price, \$1.25



Corner Manger.



## BARREL HEADER.

This is the most simple labor-saving machine ever invented for heading up barrels and is used extensively for heading up apples, fish and other merchandise.

1 inch Iron Screw (attached follower).....\$1.10



## The "Hartman" Steel Tree Guard.

**Ornamental, Strong, Durable and Cheap.**

Made of heavy Steel Rods, Galvanized. The guards are light and graceful in appearance, making an ornament to the grounds; will not conceal the foliage nor shade the tree from the sun; will not harbor insects, and will allow cultivation of the ground. They take but a moment to erect and are easily moved from place to place.

The Spiral Wire Coils for attaching this guard to the tree are elastic and freely expand with the growth of the trunk, and also prevent any friction or chafing of the tree against the guard during storms or high winds.

### PRICE.

Height, 5 feet 8 inches..... \$1.50  
Height, 6 feet 2 inches..... \$1.75



## Paris Step Ladder.

This ladder is made with hardwood step standards and firmly braced between the steps, and is especially designed for household or store use, where a strong, durable and safe ladder is desired. Made in lengths from 2 to 10 steps.

Price per step, 27 cents.

## Oxford Step Ladder.

Made of the best white spruce, has folding shelf for pail. Made in lengths from 3 to 6 steps.

Price per step, 20 cents.

## Challenge Step Ladder.

This ladder is built especially strong and of the very best of material. Made especially for use where a long ladder is required. We carry this ladder in 12 step lengths only.

Price per step, 40 cents.



Paris Step Ladder.

## LADDERS.

Our common ladders are made of spruce poles, sides half-round, rungs split and hand shaved, of second growth oak, making them strong, safe, and durable.

Price per foot, 15 cents.

## Flat Sided Ladders.

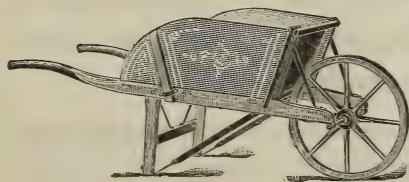
Made in lengths up to 20 feet.

This makes a nice, neat ladder for banks, halls, and public buildings, as it has an extra smooth finish.

Price per foot, 20 cents.



## Garden Wheel Barrows.



This Wheelbarrow is highly finished, ornamented, strongly ironed and put together with joint bolts and braced, handles gracefully curved, with extra large wheel, thereby making it easy for the operator, and is superior to any in the market.

### PRICE LIST.

No. 2, Boy's Size.....	\$3.00
No. 3, Small Size.....	3.25
No. 4, Small Size.....	3.75

No. 5, Medium Size.....	\$4.00
No. 6, Large Size.....	4.25
No. 7, Extra Large.....	6.00





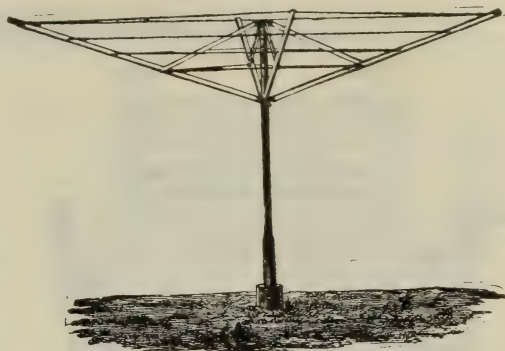
# Eureka Clothes Dryer.

The Best Clothes Dryer  
in Use.

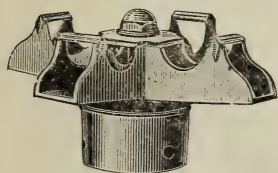
## PRICE LIST.

4-arm, 7 feet long, 110 feet cotton  
rope .....\$2.75

4-arm, 7½ feet long, 150 feet of cot-  
ton rope .....\$3.00



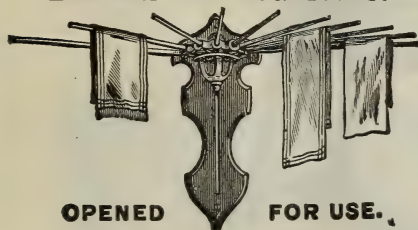
# Revolving Clothes Irons.



Can be fastened to any post, fitted for post 4½ inches in  
diameter. Made of cast iron nicely japanned.

Price, each, 90 cents.

## EMPIRE DRYING BARS.



OPENED

FOR USE.

This wall dryer is one of the most  
convenient articles of household use.  
It is made to screw to the wall and  
when not in use can be closed so as  
to occupy very little space.

Price 75 cents.



CLOSED.

# Folding Clothes Horse.

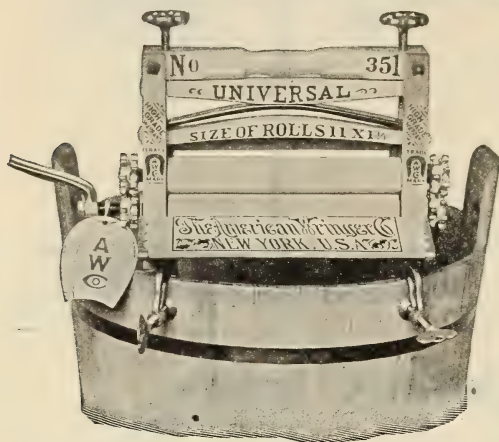


This well-known article is used in nearly every household. It  
is constructed of the very best material and is very durable, also  
light and convenient to handle.

## PRICES.

No. 3 .....65 cents.  
No. 3½ .....75 cents.  
No. 4 .....85 cents.

## CLOTHES WRINGERS.

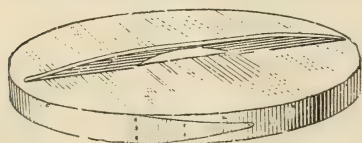


UNIVERSAL—Family Size, Ball Bearing .....	\$3.00
UNIVERSAL—Family Size.....	2.50
NOVELTY—Family Size.....	2.50
RIVAL—Family Size.....	2.00
FALCON—Family Size.....	1.75
CHALLENGE—Family Size.....	1.50
GRAND—Family Size.....	1.50
EUREKA—Family Size.....	2.25
DAISY—Family Size.....	1.75
MARVEL—Family Size.....	1.50
VIM—Family Size.....	1.50



## Household Folding Bench Wringer.

Challenge Folding Bench Wringer.....	\$3.00
Household Folding Bench Wringer.....	3.50
Excelsior Folding Bench Wringer.....	4.00

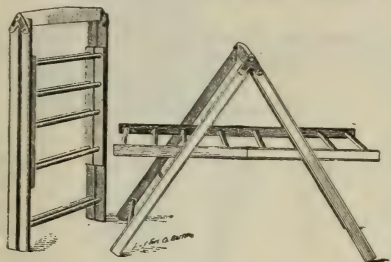


## BARREL COVERS.

Sugar Barrel, 21 in.....	.30c.
Flour Barrel, 19 in.....	.25c.
Half Barrel, 15 in.....	.20c.



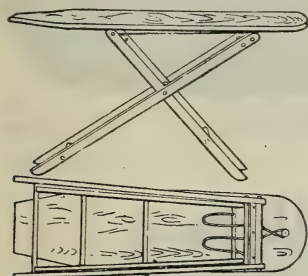
## BOSTON FOLDING WASHBENCH.



A very strong, durable and convenient washbench. When not in use can be quickly folded up and set away.

Price, \$1.00.

OPENED.



CLOSED.

## FOLDING IRONING TABLE.

This table can be adjusted to any height. It can not fall down. It is made of the best of kiln dried stock. Size, 57 inches long; 15 inches wide.

Price, \$1.50.

## THE LIGHTNING WASHER.

MADE OF THE BEST VIRGINIA WHITE CEDAR  
ELECTRIC WELDED WIRE HOOPS.

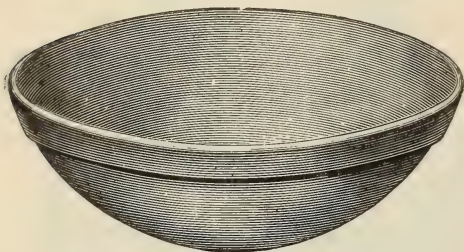


This cut shows the exterior of the celebrated LIGHTNING WASHER. This machine is constructed of the BEST VIRGINIA WHITE CEDAR, and is stronger, nicer finished and LARGER than any round machine on the market. It is supplied with improved gearing, and ALL CASTINGS ARE JAPANNED. The inside of the machine is fully corrugated, similar to a washboard, there being no nails or blocks of any kind on the inside. The machine is made with large end of tub down, allowing plenty of room for water and clothes. The hoops are made of extra heavy galvanized wire, are ELECTRIC WELDED and are warranted not to break or fall off.

Instead of using a square wooden post to work the dolly we use a square galvanized iron rod, making it impossible to tear the most delicate fabric, as this offers nothing in which the clothing can catch.

Price, \$4.00.

## POLISHED MAPLE BOWLS.



These bowls are made of the best hard maple with a Parafine Wax Finish to prevent splitting.

### Price List.

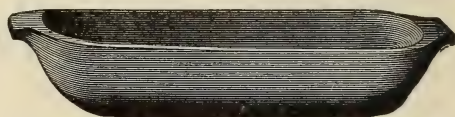
11 inch.....	15c
13 inch.....	25c
15 inch.....	35c
17 inch.....	50c
19 inch.....	60c
21 inch.....	70c

## Chopping Trays.

For chopping meats, vegetables, etc., butter making and general dairy and kitchen use.

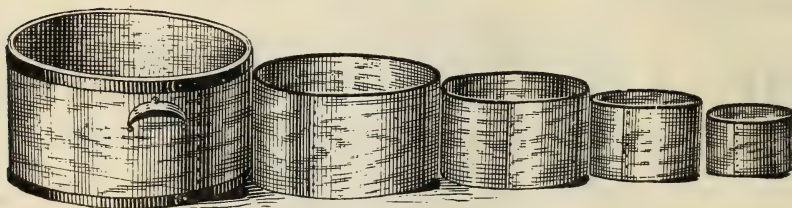
### PRICE LIST.

No. 1, Size 19½ by 10½.....	40c.
No. 2, Size 21 by 11.....	45c



No. 3, Size 22 by 12.....	50c
No. 4, Size 23½ by 13.....	60c

## DRY MEASURES.



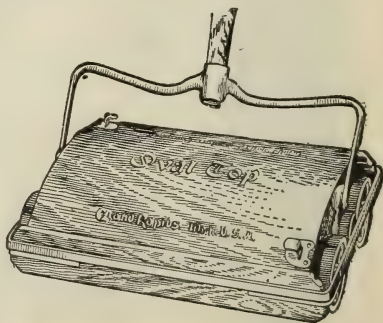
Nest of five.....\$1.10

Half Bushel.....	\$ .60	Four Quart.....	\$ .25
Peck .....	.30	Two Quart.....	.15
One Quart.....	\$ .10		

## CARPET SWEEPERS.

**STERLING.**—Made of selected quarter sawed Sycamore and is finished in a beautiful high gloss natural finish.  
Nickled Trimmings. Price, \$2.75.

**FAVORITE.**—Made of selected quarter sawed Sycamore and is finished in a beautiful high gloss natural finish.  
Japanned Trimmings. Price, \$2.25.





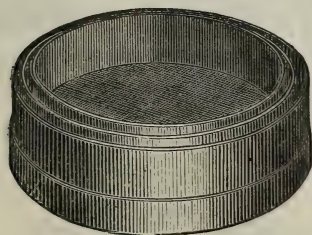
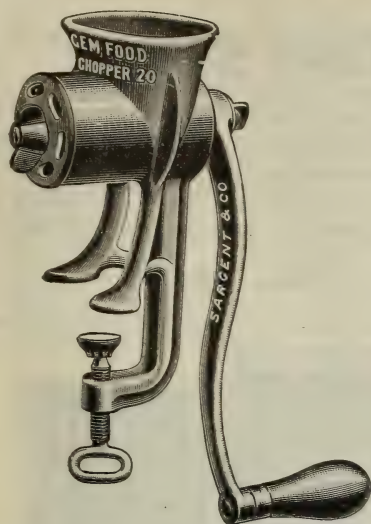
## Gem Food Chopper.

Nicely tinned, self cleaning, self sharpening. With 4 steel cutters for cutting coarse, medium, fine and pulverizing.

It will chop raw meat, cooked meat, and all kinds of vegetables and fruits, all kinds of crackers, bread, eggs, cheese, nuts, etc.

### PRICES.

No. 20.	Small size .....	\$1.25
No. 22.	Medium size.....	1.50
No. 24.	Large size.....	2.00

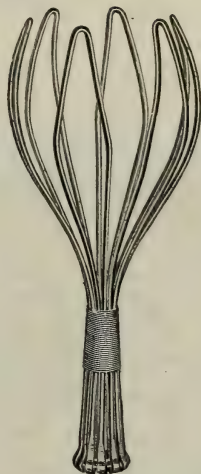


## Flour and Meal Sieves.

Wood hoops, copper nailed. Covered with 18 mesh tinned wire.

### PRICES.

11 inch.....	15 cents.
12 inch.....	20 cents.
13 inch.....	25 cents.

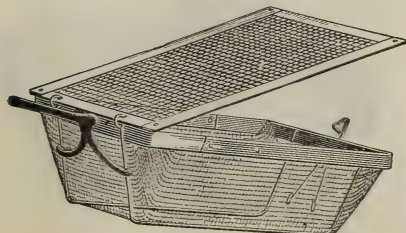


## Fruit Gatherers.

Strongly made of heavy tinned wire. Can be attached to any pole.

A valuable article for fruit raisers.

Price. ....40 cents.

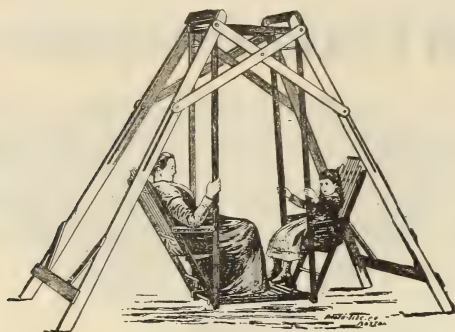


## Corn Poppers.

This is a firm well braced Corn Popper with detachable handle. The bottom is well guarded which protects the bottom from wear.

### PRICES.

1 quart.....	10 cents	2 quart.....	25 cents
1½ quart.....	20 cents	4 quart.....	40 cents



## Lawn Swings.

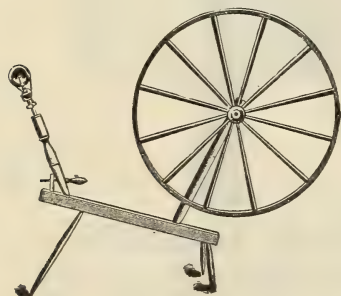
This swing will carry all that can get into it. It entertains children hours at a time in a pleasant, harmless, healthful way. Delightfully cool on hot summer days. Suitable for lawn or piazza. An ornament to any home.

Price, \$5.00.

## Hammock Chairs.

Made of hardwood, finished natural color and nicely varnished. Covered with fancy striped duck. Will fold to less than two inches in thickness, and weighs but eight pounds. Easily adjusted to any position desired.

Price, \$1.00.



## Spinning Wheel.

This wheel is nicely finished, and is made of selected hard wood. The wheel is brass bushed and the rim grooved.

Wheel without head.....\$2.50

Wheel Heads, each..... .40

## Clough's Adjustable Sieve.

In offering this adjustable Sieve to farmers and others, we know that they will find it useful and valuable for separating foul seed from grain, and sifting out the small grains, thereby getting the most vigorous kernels for seed; also for cleaning and sorting peas, beans, etc.

Price, \$1.75.

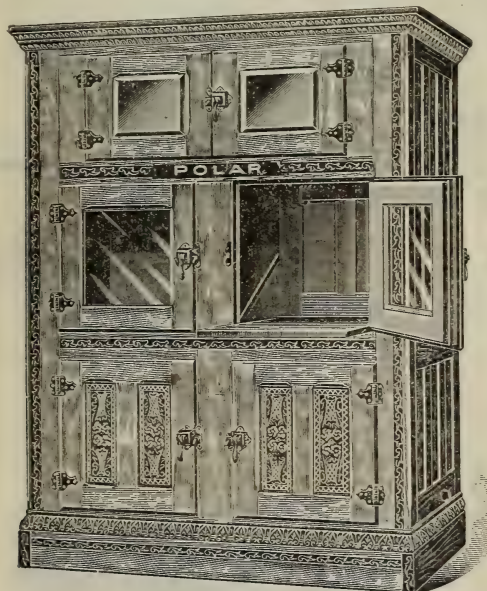




## Polar Hardwood Refrigerators.

These illustrations show our Hardwood "Polar" Refrigerators.

Note the general style and beauty, and observe the artistic carvings. No wood is exposed in the interior of these Refrigerators, a strong metallic lining covering every part of the inside thoroughly. They are built with heavy air tight walls, thoroughly insulated. They have swing base boards which facilitates the placing of the drip pan and makes sweeping easy. They are trimmed with strong, handsome locks and hinges and are a high grade and first-class refrigerator in every particular.

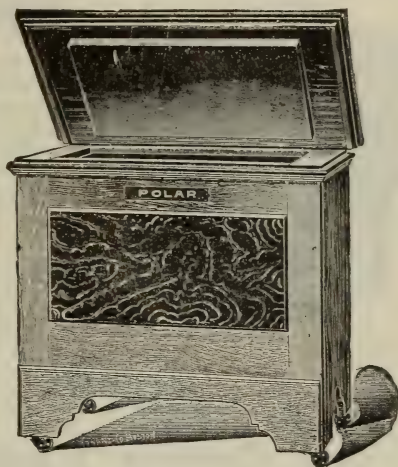


### Butter and Grocers' Refrigerator.

This is a refrigerator especially adapted for retail butter dealers and grocers. It is fitted with an automatic shelf which when pulled out closes the opening. Fitted with six massive doors trimmed with solid brass hinges and levers, nickel plated. Ice chamber doors fitted with French bevelled mirror plates, middle provision chamber doors fitted with clear double glass panels so that the contents of the refrigerator may be seen. Send for prices.

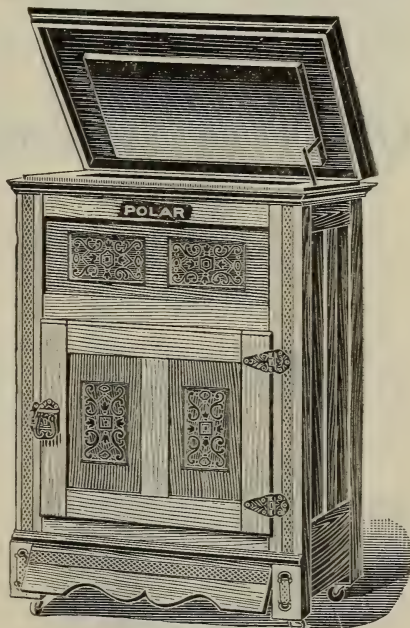
#### Prices—Family Refrigerators.

	Lbs. Ice.	Length.	Depth.
No. 331.	45	24 in.	17 in.
No. 332.	60	27 in.	18 in.
No. 333.	80	30 in.	19 in.
No. 334.	125	33 in.	21 in.
No. 335.	140	36 in.	22 in.
No. 336.	125	33 in.	21 in.
No. 337.	140	36 in.	22 in.



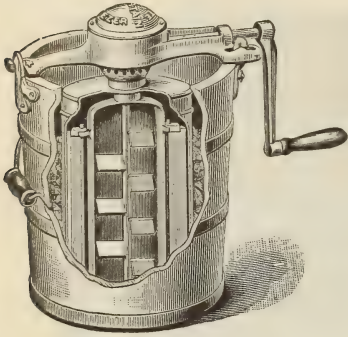
### The "Polar" Ice Chests.

These chests are made of well seasoned pine, nicely grained to imitate oak. Fitted with galvanized steel shelves and ice racks. Write for sizes and prices.



#### Family Refrigerator.

Height.	Manuf's Prices.	R.B.D. & Co.'s Prices
39 in.	\$13.00	\$ 8.00
42 in.	16.25	10.00
44 in.	19.50	12.00
46 in.	22.75	14.00
48 in.	28.00	17.00
46 in.	25.25	16.00
48 in.	29.00	17.50



## Improved White Mountain Freezer.

This is universally the favorite family Ice Cream Freezer, because it combines more excellencies than all the other family freezers made. It is the only freezer made with a duplex dasher and double self-adjusting scrapers, which, by keeping every particle of cream in constant motion, causes it to freeze faster and more evenly than can possibly be accomplished by any other freezer.

### PRICES.

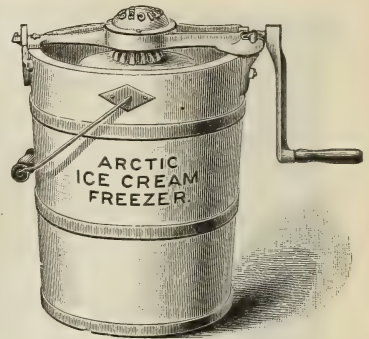
2 qt., \$1.90. 3 qt., \$2.25. 4 qt., \$2.50. 6 qt., \$3.25.  
Prices of larger sizes furnished on application.

## ARTIC Ice Cream Freezers.

This is the single action type, the can revolving while the beaters remain stationary. A first-class freezer in every respect.

### PRICES.

2 qt., \$1.65. 3 qt., \$1.85. 4 qt., \$2.25. 6 qt., \$3.00.



## Oak Well Buckets.



Black Iron Hoops and Bail, 60 cents.  
Galvanized Iron Hoops and Bail, 75 cents.

## Oak Kegs.



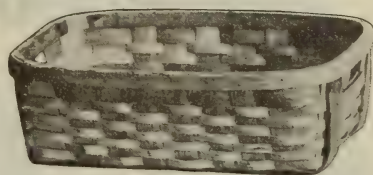
3 Gallon Kegs, \$ .70  
5 Gallon Kegs, .80  
10 Gallon Kegs, 1.00  
15 Gallon Kegs, 1.15



## Grocer Market Basket.

### Strapped.

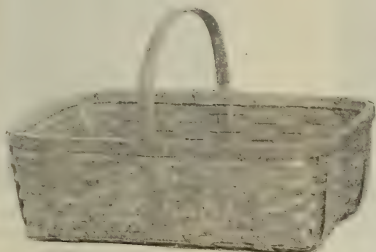
Number.	Size.	Price.
0.....	24x15x8 .....	50 cents.
1.....	23x13x7 .....	40 cents.
2.....	21x12x6½ .....	35 cents.
3.....	18x10½x6 .....	25 cents.
4.....	15x9x6 .....	20 cents.



## Market Basket.

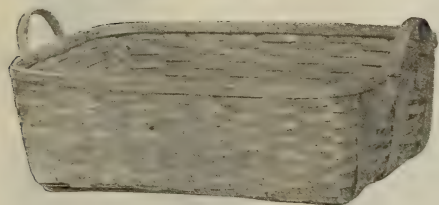
### Bail Handle.

Number.	Size.	Price.
0.....	24x15x8 .....	50 cents.
1.....	23x13x7 .....	40 cents.
2.....	21x12x6½ .....	35 cents.
3.....	18x10½x6 .....	25 cents.
4.....	15x9x6 .....	20 cents.



## Round Clothes Basket.

Number.	Size.	Price.
1....	24 inches in diameter.....	50 cents.
2....	22 inches in diameter.....	45 cents.



## Oblong Clothes Basket.

Number.	Size.	Price.
1.....	33x22x10.....	\$1.00.
2.....	30x20x10.....	.85.
3.....	26x17x9 .....	.75.

## Oak Baskets.

1	Bushel.....	\$ .45.
1½	Bushel.....	.75.
2	Bushel.....	1.00.
3	Bushel.....	1.75.
4	Bushel.....	2.25.

We also carry a full line of Wood Baskets, Office Baskets, Clothes Hampers, Lunch Baskets, Willow Clothes Baskets, etc.



## TUBULAR LANTERNS.



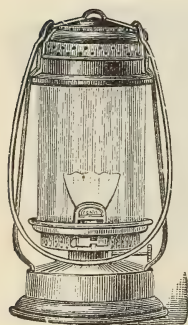
No. 0 Clipper Lift  
Price 50 Cents



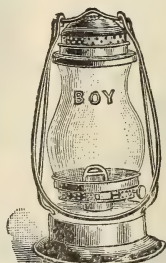
No. 2 Clipper Lift  
Price 65 Cents



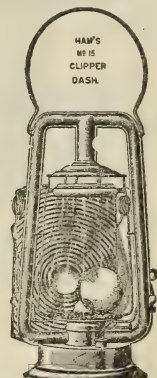
No. 2 Cold Blast  
Price 90 Cents



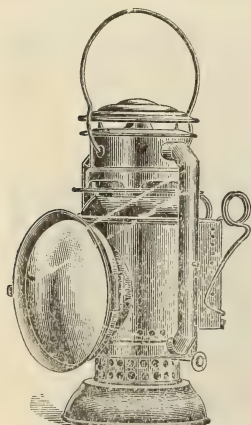
Racket Lantern  
Price 35 Cents



Boy's Lantern  
Price 25 Cents



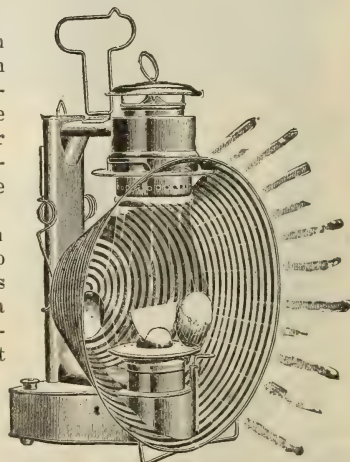
No. 15 Dashboard  
Price 75 Cents



Ham's No. 18 Cold Blast  
Tubular Driving Lamp.  
Black Enameled.  
Price \$2.50

These lanterns are made with oil fount of liberal capacity, from heavy steel tin plates, and carefully tested for leaks before setting up, insuring the purchaser against a trip to the tin shop before having a lantern that can be used.

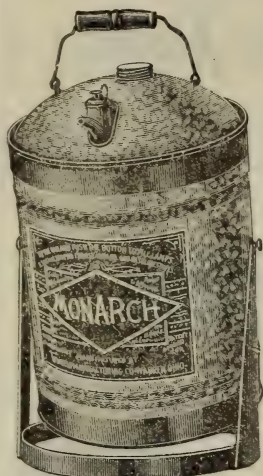
Ham's Tubular "Search Light" Lantern, just the Lamp you want where a strong light is required, and to be spread over a large space, as in creameries, stables, mills, etc. Will burn out of doors as well as inside.



Ham's Tubular "Search Light" Lantern  
Price \$2.00



# OIL CANS.



**MONARCH**  
5-Gallon, \$1.00



**HOME RULE**  
5-Gallon, \$1.25

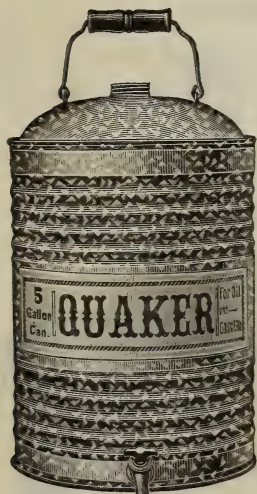
## PERFECTION OIL TANK.

With steady stream pump, which can be detached and used in pumping oil from barrel into the tank. Each tank furnished with a 1 pt., 1 qt. and 2 qt. tin measure and a 1 qt. tin funnel.

Price, 60 gallon.....\$7.00

Price, 100 gallon.....\$10.00

THESE CANS ARE ALL MADE OF HEAVY GALVANIZED IRON  
AND VERY NEATLY DECORATED.



**QUAKER**  
5-Gallon, 65c

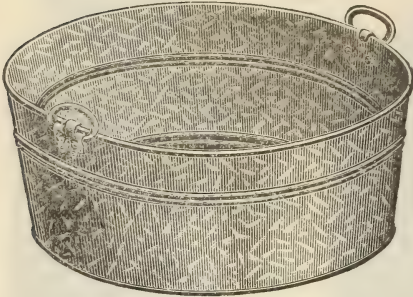


**POLO**  
1-Gallon, 25c



**COLUMBIA**  
5-Gallon, 75c

## Galvanized Iron Wash Tubs.



No.	Size.	Price.
10.....	20½x17¾x10½.....	75 cts.
20.....	22¾x19½x11.....	80 cts.
30.....	24½x21¼x11.....	90 cts.

## Monitor Ash Cans.

Made of Heavy Galvanized Iron with drop handles.

No. 5.....18 in. diameter, 26 in. high.....Price \$3.00.



## Galvanized Steel Bushel Basket.



### With Drop Handles.

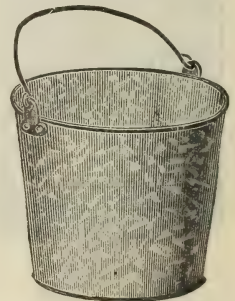
These baskets are made of refined galvanized steel and are water tight, making a very handy basket about the farm or stable.

Price.....60 cents.

## Galvanized Water Pails.

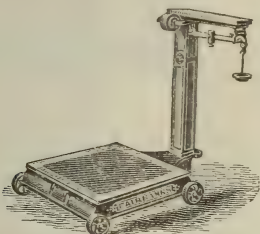
10 quart.....	20 cents.
12 quart.....	25 cents.
14 quart.....	30 cents.

14 quart Extra Heavy.....50 cents.





# FAIRBANKS' STANDARD SCALES



## Fairbank's Portable Platform Scales.

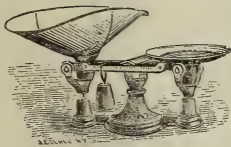
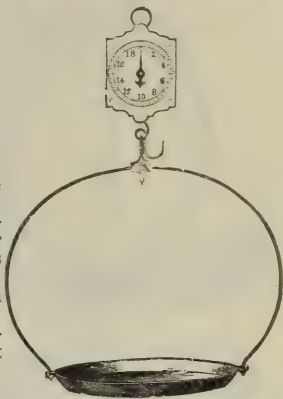
Furnished with or without wheels.  
In capacities from 400 to 2,500 pounds.  
Send for catalogues and prices.

## Fairbank's Standard Market Scales.

We carry a full line of these scales in stock in different patterns, with tin or porcelain pans as desired.

Prices from \$3.75 to \$8.00.

Send for catalogue of market scales.



## GROCERS' EVEN BALANCE TRIP SCALES.

In all patterns and sizes. Furnished with agate bearing and nickel plated scoop and weights if desired.

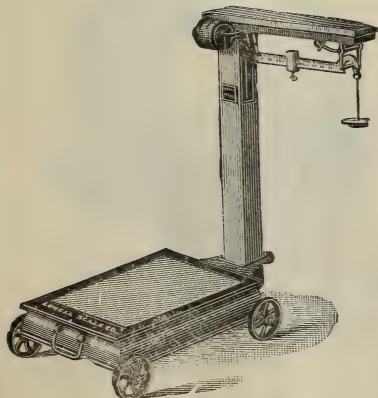
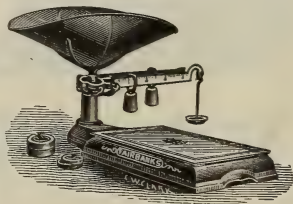
We carry a full line of grocers' counter scales in stock and can make prompt shipments.

## UNION SCALES.

Capacity from  $\frac{1}{2}$  ounce to 240 pounds. Finely finished, with brass scoop and brass beam.

Single Beam, \$4.50

Double " \$5.00



## THE BANGOR SCALE.

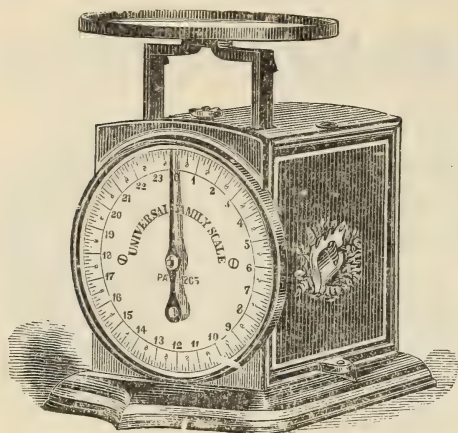
### PRICES.

600 lb. Scale.....	\$10.00.
1000 lb. ....	12.00

Send for Descriptive Circular.

We are AGENTS FOR FAIRBANKS' complete line of Scales, and can furnish anything in their line, including Hay Scales, Stock Scales, etc.

Send for catalogue.



### Improved Family Dial Scale.

It has no weights that may be lost. It is a convenient scale to use. It is easily understood. It is always ready.

Price with tin scoop.....\$2.50.

### Milk and Cream Scales.

These scales are made with a loose pointer which by means of a thumb screw on the centre of the pointer may be set any where on the dial, thus taking the tare of the milk pail, etc. They are made with the pounds divided in ounces or decimally.

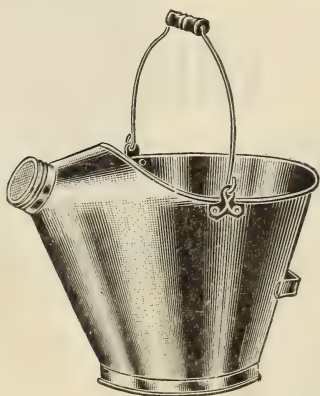
#### Prices :

No. 260 M O,  
30 lbs. by 1 oz. ..\$4.00

No 260 M D,  
30 lbs. by 1-20 lb \$4.25.



### National Strainer Milk Pail.



Made extra strong.

With detachable strainer.

Price, 12 qt.....90 cents

### Plain Dairy Pails.

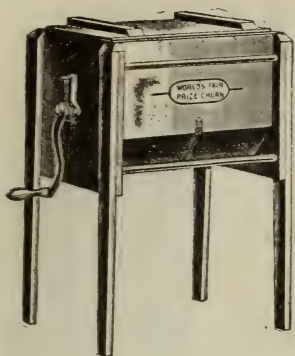


10 quart.....25 cents

12 quart.....30 cents

14 quart.....40 cents





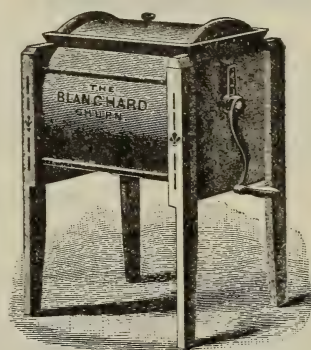
## The Improved World's Fair Prize Churn.

One of the best known churns on the market.

It is simple, durable and cheap.

Capacity.	Price.
No. 4, 2 to 3 cows.....	\$3.75.
No. 5, 3 to 5 cows.....	4.25.
No. 6, 5 to 10 cows.....	5.00.

## Blanchard Churn.



	Manuf'r's Price.	R.B.D.&Co.s' Price.
No. 3, for up to about 2 gallons of cream	\$6.00	\$4.00
No. 4, for up to about 4 gallons of cream	7.00	4.50
No. 5, for up to about 6 gallons of cream	8.00	5.50
No. 6 for up to about 12 gallons of cream	10.00	6.50
No. 7, for up to about 16 gallons of cream	12.00	8.00



## Cylinder Churn.

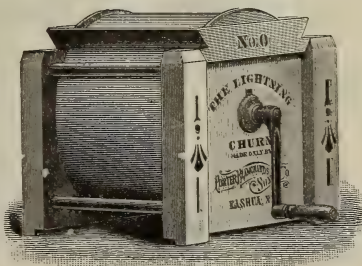
A favorite style of churn which has been in use many years.

	Manuf'r's Price.	R.B.D.&Co.s' Price.
No 1, capacity 2 3/4 gallons.....	\$2.50	\$1.50
No. 2, capacity 4 gallons .....	3.00	1.75
No 3, capacity 7 gallons .....	3.50	2.00
No 4, capacity 10 1/4 gallons.....	4.00	2.25
No. 5, capacity 15 gallons .....	5.00	2.75

## The Lightning Churn.

This has been made to supply the demand for a small cheap churn. It is strong and durable with no parts to get out of order.

	Capacity.	Manuf'r's Price.	R.B.D.&Co.s' Price.
No. 0	2 gallons	\$3.00	\$2.00
No. 1	3 gallons	\$3.50	\$2.25
No. 2	4 gallons	\$4.00	\$2.50
No. 3	5 gallons	\$4.50	\$2.75





## The Stoddard Churn.

The Stoddard Churn is made by hand in the most thorough manner and of kiln-dried white oak. It will last for years. The principle is concussion and not friction—has no floats or paddles inside. It is easily operated, easily cleaned.

### PRICES—Dairy Size.

		Manuf'r's R.B.D. & Co.s' Price.	
No. 1	Churns from 1 to 4 gals. cream...	\$ 8.00	\$ 6.00
No. 2	Churns from 2 to 7 gals. cream...	9.00	6.75
No. 3	Churns from 3 to 9 gals. cream...	10.00	7.50
No. 4	Churns from 4 to 12 gals. cream...	12.00	9.00
No. 5	Churns from 5 to 16 gals. cream...	14.00	10.50
No. 5½	Churns from 5 to 20 gals. cream...	17.00	12.75
No. 6	Churns from 6 to 28 gals. cream...	20.00	15.00

## The Hero Churn.

The "Hero" Churn we offer to those desiring a lower priced Churn, as we believe that there is more value for the money in this Churn than in any other ever brought to our notice. The Churns are made of best white oak, thoroughly seasoned and kiln-dried, having galvanized iron rim in head making it very strong. The cover fastening is very simple and efficient.

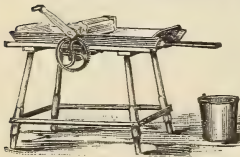
### Price List.

		List R.B.D. Price. & Co.s' Price.	
No. 1, 10-gallon,	Churns from 1 to 5 gals. cream,	\$8.50..	\$5.10
No. 2, 15-gallon,	Churns from 1 to 7 gals., cream,	9.00..	5.40
No. 3, 20-gallon,	Churns from 2 to 9 gals. cream,	10.00..	6.00
No. 4, 25-gallon,	Churns from 2 to 12 gals. cream,	12.00..	7.20
No. 5, 35-gallon,	Churns from 3 to 16 gals. cream,	16.00..	9.60



## Waters' Butter Worker.

It combines more essential points than any other and recommends itself to all who examine it. It is durable, efficient, economical.



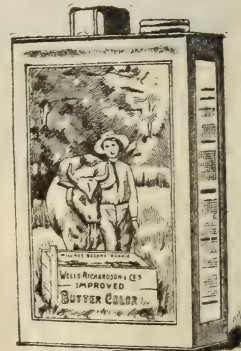
		Manuf'r's R.B.D. & Co.s' Price.	
No. 0, capacity 15 pounds	.....	\$ 7.00	\$ 6.00
No. 1, capacity 30 pounds	.....	8.00	7.00
No. 2, capacity 40 pounds	.....	9.00	8.00
No. 3, capacity 50 pounds	.....	10.00	9.00
No. 4, capacity 75 pounds	.....	12.00	10.00

## Wells, Richardson & Co.'s Improved Butter Color.

Always gives satisfaction. It is made by the aid of new and improved machinery, specially made for this purpose, thus enabling the manufacturers to use new and improved methods. It will not become rancid. It will not color the buttermilk. It gives a bright June color.

### PRICE LIST.

Small Size,	4 ozs., to color about 500 lbs.....	\$ .25
Medium Size,	10 ozs., to color about 1250 lbs.....	.50
Large Size,	24 ozs., to color about 2800 lbs.....	1.00
Cans,	1 gallon each.....	2.50





# Penobscot Milk or Cream Cans.



5 gal. Penobscot  
Steel Can.

These cans are made of heavy tinned steel with heavy tinned iron hoops around top and bottom, they have a large neck so that the cans may be easily cleaned.

These cans are especially adapted for carrying and shipping milk or cream.

Other styles of shipping cans furnished if desired.



10 gal. Penobscot  
Steel Can.

### PRICES.

5 gal. Penobscot Steel Can.....\$2.00

10 gal. Penobscot Steel Can..... 3.00

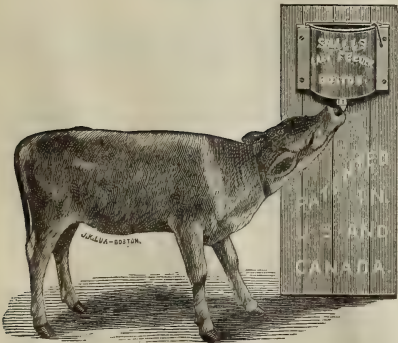
# Parchment Butter Paper.

For Wrapping and Covering Butter.

Better, Cheaper and More Convenient to Use Than Ordinary Muslin.

Price, 20 Cents Per Pound.

# Small's Calf Feeder.



For feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

## Gives Universal Satisfaction.

Manufacturer's Price.....\$2.50

R. B. D. & Co.'s Price..... 2.00

Extra Nipples, 25 cents each.

# BUTTER BOXES.

Oak with Wire Bail.

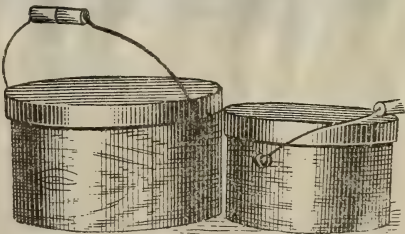
Four quart size.....\$ .25

Eight quart size..... .35

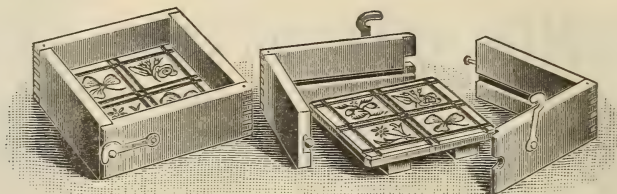
Oak with Wood Bail.

12 inches in diameter..... .50

14 inches in diameter..... .60



# The Blanchard Butter Mold.

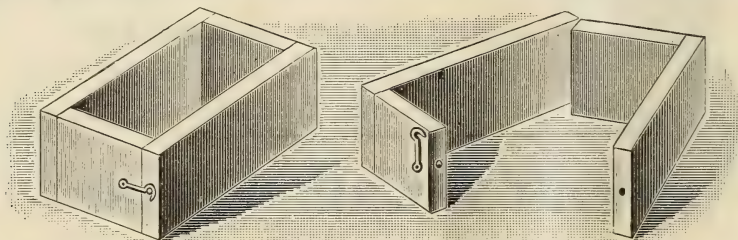


These molds are carefully made of clear white birch and only brass hooks and screws are used throughout, so that there is no possibility of rust and consequent discoloration of the wood. The ornamentation is done by special machinery and when desired initials, monograms, etc., are substituted at a slight advance in cost. Each division on face of mold represents one-quarter pound of butter.

## PRICE.

½ pound.....	\$ .85	By mail, postage paid.....	\$1.00
1 pound.....	1.00	By mail, postage paid.....	1.25
2 pound.....	1.50	By mail, postage paid.....	1.75

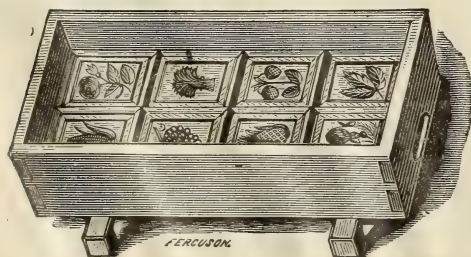
# The "Simplex" Butter Mold.



This is a favorite style of Butter Mold, being simple, cheap and substantial and leaves the butter in one of the most convenient forms for handling. Holds one pound of butter.

## PRICE.

Nailed corners.....	.20 cents	By mail, postage paid.....	.30 cents
Dovetailed corners.....	.25 cents	By mail, postage paid.....	.35 cents



# Combination Butter Prints.

The demand for the Combination Butter Print has largely increased during the past few years, the average dairyman being more particular about the appearance of his butter.

The cut here shown represents No. 6 print in its mold, which holds two lbs., and is divided into eight cakes, ¼ lb. each.

No. of Print.	No. of Cakes.	Capacity of Moulds in lbs.	Capacity of each Cake in ounces.	Dimensions of Moulds in inches.	Dimensions of Each Cake.	Price.
2	4	2	8	11x3¾	3¾x2¾	\$3.75
3	4	2	8	12x3	3x3	3.75
4	4	1	4	4½x5	2¼x2½	3.50
5	4	1	4	10x2½	2½x2½	3.75
6	8	2	4	10x4½	2¼x2½	4.50
10	24	1½	1	10x4	1¼x1 1-3	5.25
12	8	4	8	11x5	2¾x2½	4.50

Prints engraved to order, with any design, initial or monogram, without extra charge.

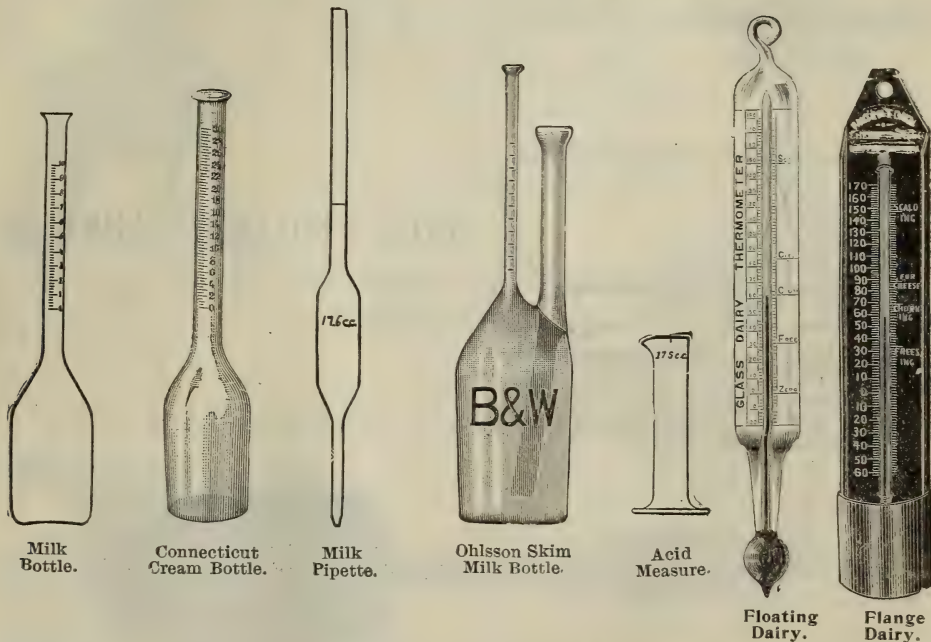
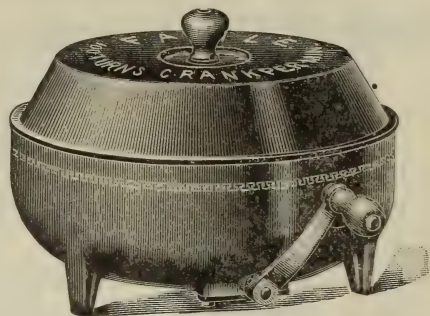


## The "Facile"

### IMPROVED IRON FRAME, HAND BABCOCK TESTER.

Handsome cast iron case and cover, cut spur, and worm gearing, malleable iron bottle carrier, seamless brass swinging pockets for holding test bottles, enclosed gearing, bottles perfectly horizontal when rotating, turns easily and runs smoothly and noiselessly at a very high speed.

Write for Circulars and Prices.



### Extract Measures.



#### Price List.

4 ounces,	.	.	.	40 cents.
8 ounces,	.	.	.	55 cents.
12 ounces,	.	.	.	65 cents.
16 ounces,	.	.	.	90 cents.

### Price List.

	Each.
Babcock Milk Test Bottles.....	\$ .20
" Cream Bottles (30 per cent.)....	.30
" Cream Bottles (40 per cent.)....	.30
" Cream Bottles (50 per cent.)....	.35
Ohlsson Skim Milk Bottles.....	.75
Wagner Skim Milk Bottles.....	.75
Milk Pipette 17. 6 c. c.....	.25
Cream Pipette 18. c. c.....	.25
Acid Measures.....	.20
Floating Dairy Thermometers.....	.25
Flange Dairy Thermometers.....	.25

If sent by mail add 5 cents for postage.

## MILK OR CREAM 'BOTTLES.

	Per Doz.
1 Half-pint.....	\$ .65
1 Pint.....	.80
1 Quart.....	.90
3 Pint.....	1.35
2 Quart.....	1.60

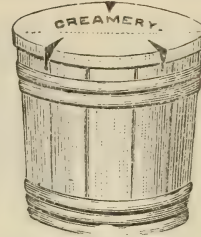
### Milk Bottle Brushes.

25 Cents Each.

CLIMAX TINT TOP

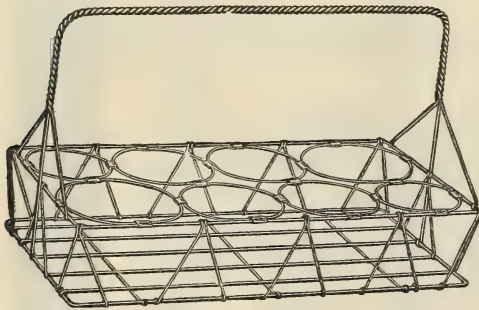


## BUTTER TUBS.



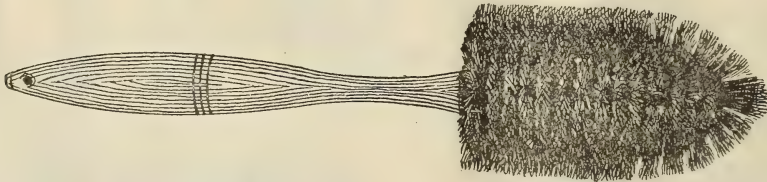
### PRICE LIST.

10 pound tub.....	\$ .20
20 pound tub.....	.25
30 pound tub.....	.35
50 pound tub.....	.40



## MILK BOTTLE CARRIERS.

4 quart.....	\$ .75
6 quart.....	.85
8 quart.....	1.10



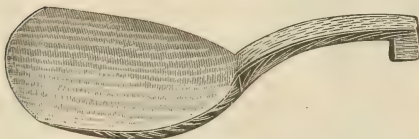
### MILK BOTTLE BRUSHES.

Price 25 cents.

## TUB COVER FASTENERS.

Price, per 100, 50 cents.

## BUTTER LADLE.



Price.....15 cents.

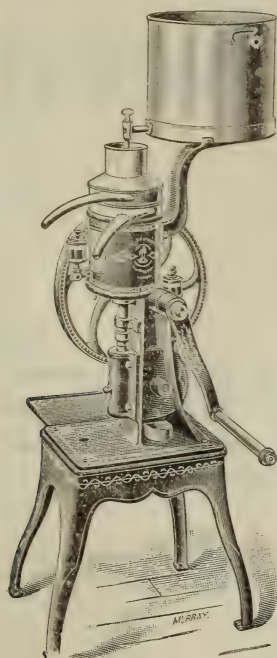
## MILKING TUBES.



German Silver, Silver Plated.

Price.....25 cents.





"Baby" No. 1

## The DeLaval Separators.

The simplest, easiest running, most durable cream separator ever put on the market. Saves 10 per cent. to 50 per cent. in skimming. Saves 5 per cent. to 10 per cent. in churning. Saves time and labor. Saves ice and water. Saves \$10 per cow per year.

Send for Descriptive Catalogue and Prices.



High Frame "Baby" No. 2

## The Blanchard Print Butter Carrier.



This carrier is designed more especially for the use of dairy men who deliver their butter directly to the consumer, though they are largely used for express shipments, and are substantially made so as to withstand considerable rough treatment. The trimmings are japanned throughout; the covers are strongly cleated and hinged; the corners are dovetailed; the finish first-class.

No. 6½,	capacity 12 lbs.,	holds 3 trays,	each	10½x 9¼	inches, 1½	inches deep.....	\$1.50
No. 7,	capacity 16 lbs.,	holds 4 trays,	each	10½x 9¼	inches, 1½	inches deep.....	1.75
No. 8,	capacity 24 lbs.,	holds 4 trays,	each	10½x13¾	inches, 1½	inches deep.....	2.00
No. 9,	capacity 32 lbs.,	holds 4 trays,	each	10½x18½	inches, 1½	inches deep.....	2.25
No. 10,	capacity 40 lbs.,	holds 5 trays,	each	10½x18½	inches, 1½	inches deep.....	2.50
No. 11,	capacity 48 lbs.,	holds 6 trays,	each	10½x18½	inches, 1½	inches deep.....	3.00

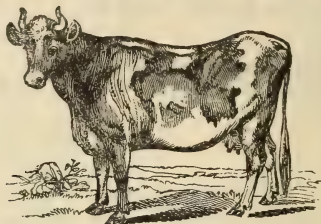
## COOPER'S SHEEP DIPPING POWDER.

The best known preparation for destroying ticks on sheep, stopping the fly, preventing and curing the scab, promoting the growth of wool and improving the appearance and condition of the flock.

Price, per packet.....50 cents.

Will make 25 gallons of wash.

# Dairy Cows Need



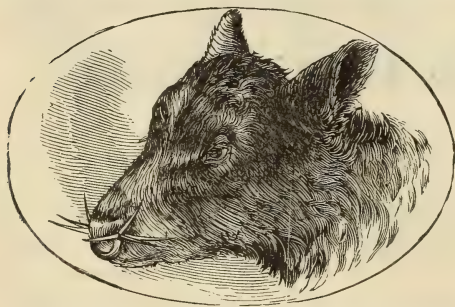
## KOW-KURE

THE GREAT COW MEDICINE.

FOR COWS ONLY.

It cures scours, removes bunches from the bag, prevents cows from losing their calves, gets barren cows with calf, and makes a strong appetite and perfect digestion that produces a larger flow of richer milk. Kow-Kure has stood the test of ten years and is a complete success.

Price, 50c and \$1.00



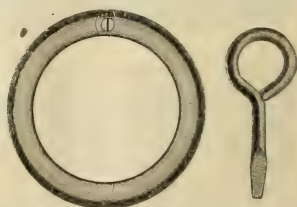
## Schley's Weaners

- |         |                                     |     |
|---------|-------------------------------------|-----|
| No. 1.  | For calves 1 to 4 months old, . . . | 40c |
| No. 2.  | For calves 4 to 8 months old, . . . | 40c |
| No. 2½. | For yearlings, . . . . .            | 55c |
| No. 3.  | For cows, . . . . .                 | 65c |

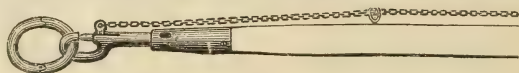
## BULL RINGS.

Polished Copper.

- |          |                    |          |
|----------|--------------------|----------|
| No. 20.  | 2 inch, . . . . .  | 20 cents |
| No. 20½. | 2¼ inch, . . . . . | 25 cents |
| No. 21.  | 2½ inch, . . . . . | 25 cents |
| No. 22.  | 3 inch, . . . . .  | 30 cents |



## BULL SNAPS.



Complete with chain, no handle.

Price, 50 cents.





## GOOD PAINT

*THE SHERWIN-WILLIAMS CO.* are manufacturers of good paint—the best that can be made. They have stood for the highest quality always and sell but one grade—the highest.

Good paint and good methods are the principles they build on.

They are the largest, most successful, and most progressive paint makers in the world.

They control the main accessories to paint making, manufacture their own appliances after their own designs, and test in their chemical and practical laboratories the basic materials and the products in all stages of preparation.

All their thought and efforts are directed to manufacturing paints that look best, wear longest, and are most economical.

Every can of paint sold by The Sherwin-Williams Company is full measure and of the highest quality.

They are the best made and widest known paints on the market to-day.

They give satisfaction.

SEE OTHER SIDE  
FOR LINE OF  
*THE SHERWIN-WILLIAMS PAINTS*  
WE CARRY  
IN STOCK.



***THE SHERWIN-WILLIAMS CO.***  
**PAINT AND VARNISH MAKERS.**

CLEVELAND, NEWARK, SAN FRANCISCO, MONTREAL,  
CHICAGO, BOSTON, LOS ANGELES, TORONTO,  
NEW YORK, KANSAS CITY, MINNEAPOLIS, WINNIPEG.

# ***THE SHERWIN-WILLIAMS PAINTS***

## **FOR ALL KINDS OF GOOD PAINTING**

**FAMILY PAINT**—The perfection of convenience for general use. Ready for the brush. 27 colors. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pint and quart packages.

**INSIDE FLOOR PAINT**—Made to walk on. Dries hard over night. 9 colors. Put up in pint, quart,  $\frac{1}{2}$  gallon and gallon packages.

**BUGGY PAINT**—Ready to use. Paints and varnishes at the same time. Very durable. 8 colors. Put up in  $\frac{1}{2}$  pint, pint, and quart packages.

**ENAMEL LEATHER DRESSING**—For buggy tops, etc. Preserves the leather. Will not crack. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal. and gal. packages.

**WAGON AND IMPLEMENT PAINT**—For farm wagons, tip carts, plows and implements. Blue, Green, Red, Yellow and Black. Put up in pint, quart,  $\frac{1}{2}$  gallon and gallon packages.

**VARNISH STAIN**—Stains and varnishes at one operation. Oak, Cherry, Mahogany, Rosewood, Walnut and Green. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal. and gal. packages.

**OIL STAIN**—For new work. Oak, Cherry, Mahogany, Rosewood and Walnut. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal. and gal. packages.

**ENAMEL PAINT**—For furniture, etc. 13 delicate tints, also Pure White and Ivory White. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal. and gal. packages.

**BATH ENAMEL**—Will stand hot water, giving a porcelain finish. Porcelain, Ivory, Rose, Nile Green. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal. and gal. packages.

**BICYCLE ENAMEL**—Air drying. Very durable. 11 brilliant colors.  $\frac{1}{4}$  pint packages.

**SCREEN ENAMEL**—Prevents Rust. Black and Green. Put up in  $\frac{1}{2}$  pt., pt. and qt. packages.

**ALUMINUM PAINT**—For radiators, steam pipes, etc. Not affected by heat or moisture. Will not tarnish. No odor. Put up in  $\frac{1}{4}$  pt.,  $\frac{1}{2}$  pt., pt., qt. and gal. packages.

**GRAPHITE, Ground in Oil**—For use of plumbers and steam fitters. Put up in 5, 12 $\frac{1}{2}$  and 25 lb. packages.

**LIQUID FILLER**—Best on the market. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal. and gal. packages.

**FRENCH CROWN GREEN**—For window blinds, etc. The most permanent and brilliant green known. Put up in 1, 2, 5, 12 $\frac{1}{2}$  and 25 lb. packages.

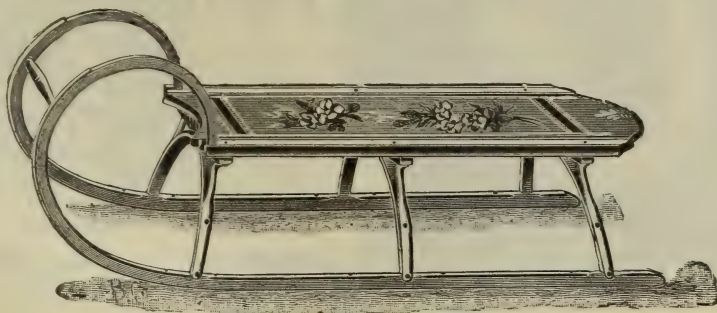
**FIRST QUALITY COLORS, Ground in Oil**—Absolutely pure. The most economical to use.

**AMERICAN LEAD**—Put up in 1, 2 and 5 lb. cans for convenience of small buyers.

**THE SHERWIN-WILLIAMS VARNISHES**—Absolutely the best varnishes made. For both inside and outside use. Put up in  $\frac{1}{2}$  pt., pt., qt.,  $\frac{1}{2}$  gal. and gal. packages.

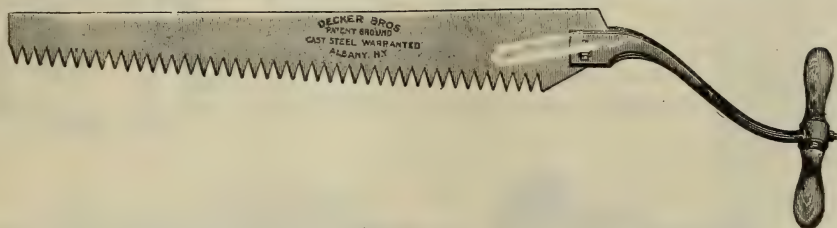


## SLEDs.



**We carry a Full Line of Both Frame and Clipper Sleds. Write for prices.**

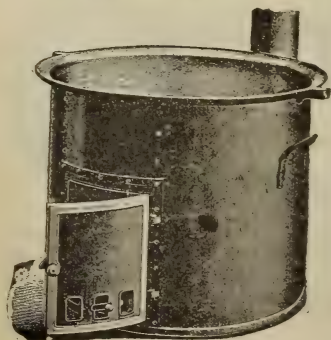
## Pond Ice Saws.



### PRICES.

4 foot saws with handle.....	\$3.25
4 1-2 foot saws with handle.....	3.50
5 foot saws with handle.....	4.00

## Boiler and Feed Cooker.

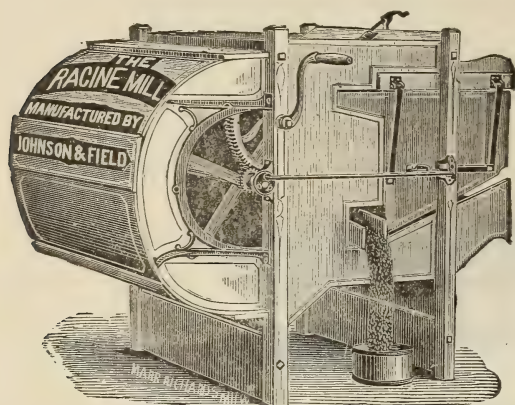


This feed cooker is so constructed as to get the best possible results from a small amount of fuel. The kettle is of very smooth cast iron, and can be removed from the casing instantly.

The casing or jacket is cold rolled steel.

### PRICES,

33	Gallon, \$13.00.
53	Gallon, \$16.00.
75	Gallon, \$22.00.



## The Racine Fanning Mill.

The Fan Mill is indispensable to a well regulated Grain Barn.

The Racine has a greater capacity over other mills in cleaning all kinds of grain and seeds. It is furnished with a sufficient variety of sieves to thoroughly clean all kinds of grain and grass seeds.

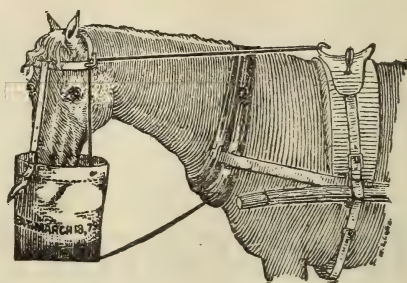
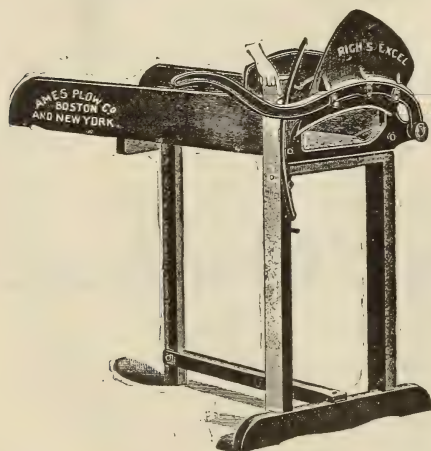
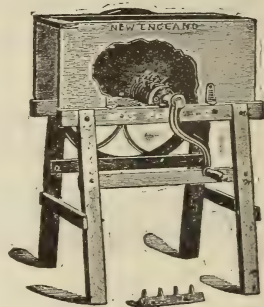
Send for full descriptive circular.

PRICE, = = \$16.00.

## New England Root and Vegetable Cutter.

This machine is made with a wrought shaft with sections of knives fastened to it and arranged so that a rotation of knives are continually passing a bed knife with cross knives passing between the section of knives; cutting always near the center shaft, making it cut easy and fine enough for cattle or sheep; also making a very regular cut. It will cut one bushel of roots per minute.

PRICE, \$6.00.



## Feed Bags.

Whitaker's Favorite Feed Bags.....85c each

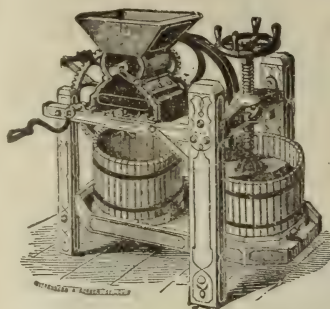
Whitaker's B. O. Feed Bags.....75c each

## Rich's Patent Lever Feed Cutter.

This iron handle lever cutter is so simple and easy to work as to commend it to everybody who has but a moderate amount of stock to feed. The knife is easy to adjust and keep in repair.

Prices from \$3.50 to \$6.00.





## Monitor Cider Mills.

Several improvements have been added, such as New Hopper, the Rolls made longer and larger in diameter. New adjustable Crusher or Breaker Roll, which increases the capacity. Grinds the fruit coarse or fine as the grinders are adjustable.

	Manuf'r's Price.	R. B. D. & Co.'s Price.
Senior Monitor.....	\$22.00	\$20.00
Medium Monitor.....	19.00	17.00
Junior Monitor.....	15.00	13.00

## The Hutchinson Cider Mill.

### PRICE LIST.

No. 0.....\$9.00      No. 1.....\$10.00

Send for descriptive circular. This is a One Tub Mill.

## Wine and Lard Presses.

No. 1, Size Screw 1 inch in diameter.....\$5.00

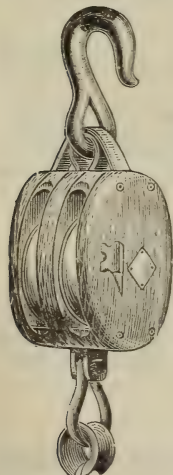
No. 2, Size Screw 1 1-8 inch in diameter.....\$6.00

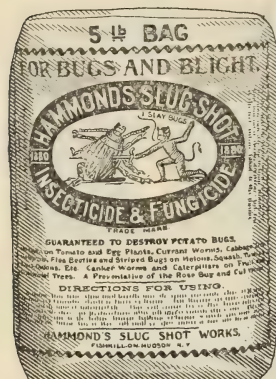


## Tackle Blocks.

We carry a full line of blocks both in Common Iron Bushed and in the Patent Roller Bushed Sheaves.

Write for prices.





## Hammond's Slug-Shot.

Slug-Shot not only acts as an insect destroyer but it will be found to be an excellent fertilizer. It contains nothing injurious to domestic animals and does not deteriorate by age. On low-growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with bellows.

5 lb package, 30c.

10 lb. package, 50c.

## Lion Brand Bordeaux Mixture.

This mixture is a scientific preparation and combined in a manner heretofore unknown, thus enabling the manufacturer to place it on the market in a practical and usable shape, as by simply adding water and stirring, it is ready for use.

One gallon will make 50 gallons by the addition of 49 gallons of water. Actual cost to you when ready for use 2 cents per gallon.

**It Prevents Potato Rot, Potato Blight, Downy Mildew and Anthracnose of Grape, Peach, Pear and Cherry Blight, etc.**

1 gallon cans, \$1.00.

1 quart cans, 40 cents.

## LION BRAND POWDERED HELLEBORE.

**Strictly Pure.**

For destroying Rose Slugs, Currant Worms, and Insects on Berries, Bushes, Plants, Shrubs, etc.

1 lb. package, 30c.

1-2 lb. package, 17c.

1-4 lb. package, 10c.

If sent by mail sixteen cents per pound extra.

## STRICTLY PURE PARIS GREEN.

For destroying Potato Bugs, etc. In one pound boxes.

## STRICTLY PURE LONDON PURPLE.

For destroying Potato Bugs, spraying Trees, Bushes, etc. More soluble in water than Paris Green. In one pound boxes.

## TROWBRIDGE'S GRAFTING WAX.

This is a standard brand of grafting wax and is highly recommended by all who have used it. Put up in convenient packages of 1 lb.,  $\frac{1}{2}$  lb., and  $\frac{1}{4}$  lb. 1 lb. package, 25c.;  $\frac{1}{2}$  lb. package, 15c.;  $\frac{1}{4}$  lb. package, 10c. If sent by mail 16 cents per pound extra.

## COPPER SULPHATE.

For making Bordeaux Mixture.

Price per pound, 8 cents.

## QUICK LIME.

For making Bordeaux Mixture.

Price per pound, 2 cents.

## WHALE OIL SOAP.

Makes an excellent wash for trees, rose bushes and plants; destroys insects and their eggs.

Price per pound, 15 cents.



# BUG DEATH.



Pat. March 16 and Nov. 9. 1897.

Pat. in Canada Nov. 9. 1897.

**This Insecticide and Plant Food Combined** has been on the market for six years and its sales have shown a large increase each year. We can say to our customers that we give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made the extra yield of marketable potatoes has more than paid the entire expense. It is **non-poisonous**, which makes it perfectly safe to use on all plants or vines.

**Very Beneficial Results** are obtained by using Bordeaux mixture in connection with Bug Death, and they can be mixed and sprayed on the vines at the same time, with any of the spraying machines on the market for that purpose. **Bug Death prevents blight.**

**Use Bug Death** for your fruit trees. It kills the insect pests, protects the trees, promotes their vigorous growth, gives freedom to the bees, and insures quality and quantity of fruit.

**No other agent can do this.** Bug Death must be the reliance of the fruit grower, who by spraying, seeks after perfect fruit.

**Bug Death costs you nothing.** The increased yield and improved quality more than pays the expense. A perfectly sure, safe and effective insecticide.

Bug Death kills the potato, squash and cucumber bug, currant and tomato worm, also other plant and vine eating pests.

## Directions For Applying Dry.

For potato and other vines which require a top application, apply dry with Perfection Shaker at the rate of 12½ pounds or more per acre to an application, according to size and condition of the vines.

## Directions for Using in Water for One Acre.

Add to 12½ pounds of Bug Death 80 gallons water; mix thoroughly; spray on vines with any of the various sprayers that are on the market. We prefer a barrel sprayer that is fitted with an agitator, otherwise solution must be frequently stirred so that Bug Death is held in suspension. Spray vines thoroughly.

## Directions for Using with Bordeaux for One Acre.

Thoroughly dissolve eight pounds copper sulphate (blue vitriol) in 40 gallons water, add 12½ pounds Bug Death; dissolve eight pounds fresh lime in 40 gallons water; when cool add to above mixture, stir thoroughly, and apply to vines same as when using Bug Death only. The above formulae has given the very best of satisfaction in experiments made by practical farmers.

## PRICE LIST.

One pound package.....	\$ .15	Twelve and one-half pound package...	\$1.00
Three pound package..	.35	One hundred pound package.....	7.00
Five pound package.....	.50	Perfection shaker .....	.65

# English Bug Compound

## A BUG KILLING WONDER.

A safe, sure and cheap insecticide for destroying the pests which attack Potato Vines, Cabbages, Squash, Cucumber, Melons, Tobacco, Currant, Rose Bushes (Chaffer), Pear, Cherry, Plum, or Quince Slug, Grapevine Flea Beetle, Raspberry, Gooseberry, Small Shrubs, or for killing any coleopterous Bug whatever.

English Bug Compound kills every coleopterous insect known. It is a combination of chemical poison and fertilizers, mechanically incorporated in a manner that prevents loss of strength by evaporation or by age. It is a dark, gray colored, flour fine powder and its application to the afflicted plant kills the bugs at once and promotes the growth when the insects are destroyed.

It is an established fact that a Paris Green water mixture produces a lifeless, soggy potato; while the use of English Bug Compound (at a great ultimate saving) brings forth a healthy, hardy nutritious vegetable. The smallest grain acts as a deadly poison to the bugs and is food and drink to the vine. The extreme fineness allows a most thorough distribution and the smallest quantity will spread itself over a large space.

Send for circular showing testimonials from some of the prominent farmers who have used English Bug Compound. We sold a carload of these goods last year and found them very satisfactory. English Bug Compound does not burn or injure the vines, and is sure death to the bugs.

**Price, 4c per pound.**

## KNOX = EM = ALL

### FLY OIL. THE BEST THING ON THE MARKET.

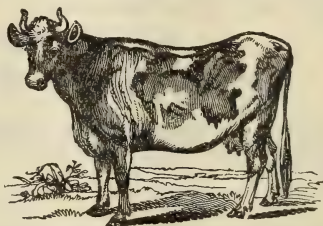
For ridding Horses and Cattle of flies and all insect pests. And Poultry of Lice and Mites. Gad flies will not work on Sheep and they will not have Grub in the head. Inoffensive and harmless to persons and stock. Deadly to flies and lice. 100 per cent. more lasting in effect than other kinds.

Contains no fish oil or other objectionable ingredient. Can be used freely on Cows' Bags without inconvenience to milker or injury to the milk.

Cows give more milk and pay \$8 to \$10 per head more during the season at a cost of about 50 cents per cow. It can be used on horses without gumming or otherwise injuring the hair, and affords instant relief, making them thrive and drive better.

Directions:—For flies apply freely with a good sprayer. For lice spray the roosts, nests, and all places where vermin find lodgment, including the poultry when on the roosts.

**Price, per gallon, 60 Cents.**



## KNOX = EM = ALL

### HORSE AND CATTLE POWDERS.

For loss of appetite, indigestion, worms, horse-ail, colds, cough, epizootic, impure blood and all urinary disorders.

They sharpen the appetite, strengthen the digestion, increase the nervous vigor, purify the blood, expel worms, regulate the urinary functions and rally the whole system, giving the animal new life.

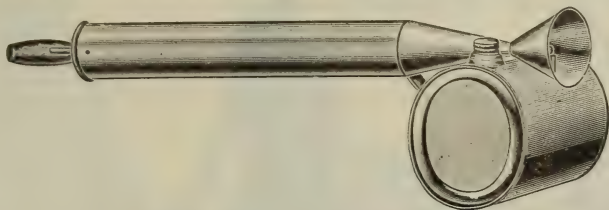
These powders are equally effective when fed to Horses, Cows, Sheep, Swine and Poultry.

Be sure and give them a trial.

**Price, per package, 25 Cents.**



## CYCLONE SPRAY PUMP.



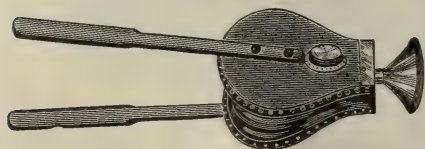
### A MARVELOUS INSECT EXTERMINATOR.

Throws a spray as fine as mist and is, therefore, more effectual than any other spray pump and uses about one-tenth the liquid. Very useful about plants, vegetables, shrubs, etc. Also a valuable addition to the hen house for spraying the walls and roosts for lice.

**Price, 50 Cents.**

## Acme Dry Powder Gun.

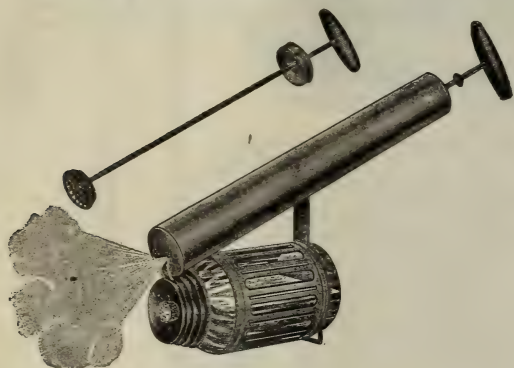
A Simple, Practical Implement for the Extermination of Potato Bugs and all kinds of Insects, Flies, etc. The Pest of Every House and Garden.



It will handle all insecticides in the dry state—Pure Paris Green, Hellebore, Insect Powder, etc. It is very effective in the destruction of Potato Bugs, Currant Worms and all like pests and for the wholesale destruction of house flies cannot be excelled.

**Price, 75 Cents.**

## DOUBLE TUBE LIGHTNING INSECT EXTERMINATOR



### With Glass Reservoir.

This sprayer is the result of vast experience in this line. It is a perfect machine and being made of glass, handsomely encased, is the end of the law for durability; cannot rust out. The glass reservoir is detachable and is patterned after the Mason fruit can, and is interchangeable with it, making it easy to replace in case of accident.

**Price, 60 Cents.**

## Cast Iron Pig Trough.



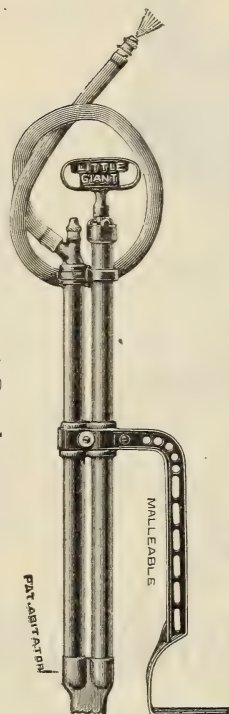
### PRICES.

Three feet long, twelve inches wide.....	\$3.00
Four feet long, twelve inches wide.....	4.00

# SPRAY PUMPS.

For Spraying Fruit  
Trees, Shrubs, Etc.

Half Inch Hose, any length, 10 Cents Per Foot.  
Brass Hose Couplings, 15 Cents Each.

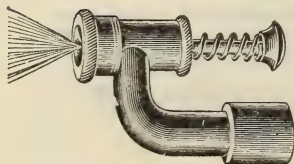


**LITTLE GIANT**

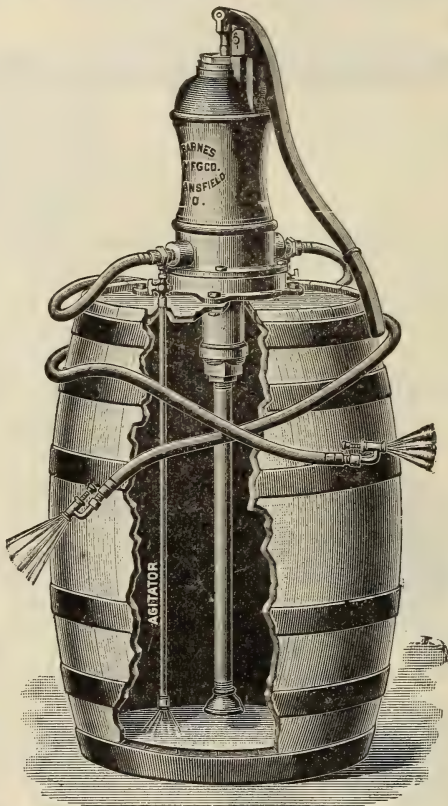
**Bucket Spray Pump**

This pump is constructed of brass, rendering it non-corrosible when used with any of the poison formulas. The pump will be found useful for a great variety of purposes. Aside from being used for all kinds of spraying on a small scale it is used for general purposes, such as washing vehicles, windows, etc.

**Price, \$3.00.**



**IMPROVED VERMOREL NOZZLE,**  
with Degorger. Price 75c.



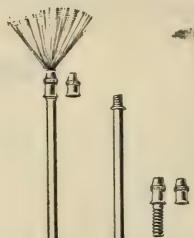
**Barnes' New Improved Barrel  
Spray Pump.**

This pump is double acting, and has no stuffing boxes or other intricate parts to get out of order. All working parts coming in contact with the liquid are brass. The body of the pump is a large air chamber and after the pump is under pressure it will discharge a steady spray lasting two minutes with one stroke of the handle, thus making it easy to operate. Fitted with either jet or paddle agitator.

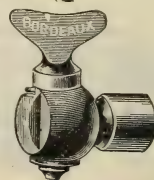
These Spray Pumps have proven themselves a decided success for whitewashing and are worth more than their cost for this purpose in whitewashing factories, cellars, fences, chicken houses, etc.

Complete except barrel, consisting of pump, 5 feet of  $\frac{1}{2}$  inch 3-ply hose. One vermored spray nozzle.

**PRICE \$8.00.**



Pipe Extension : Price 5 foot sections, 50 Cents.

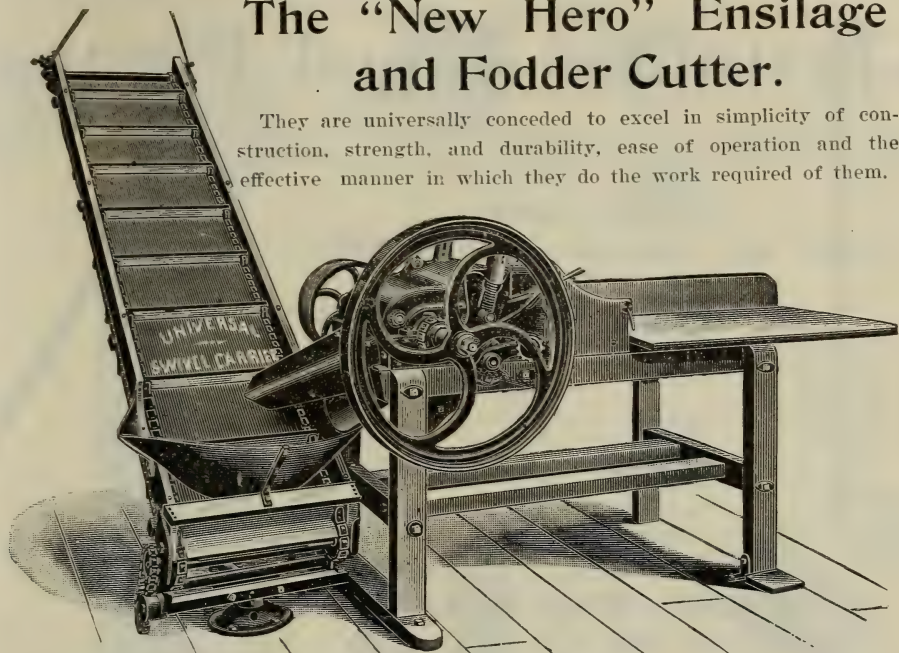


**BORDEAUX SPRAY AND SOLID  
STEAM NOZZLE. Price 75c.**



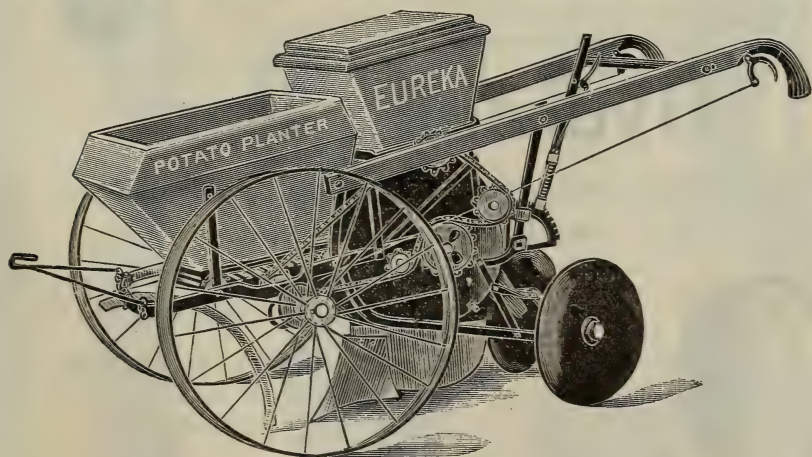
## The "New Hero" Ensilage and Fodder Cutter.

They are universally conceded to excel in simplicity of construction, strength, and durability, ease of operation and the effective manner in which they do the work required of them.



Send for descriptive catalogue and prices.

## EUREKA POTATO PLANTER.



Requires but one horse and one man to operate it. It is light, strong and durable. Weight with fertilizer, 280 lbs. It can easily be drawn by 1 horse. Many like it without thills or pole, but we furnish either for \$2.50 extra. Its capacity for sowing fertilizer is from 150 to 1,200 lbs. per acre. It plants seed at any required distance. The operator can see every seed dropped. It is cheap in price, excellent in work. Improvement for Deep Planting. A plow in front of shoe is thrown in or out of the soil by a lever at will of operator. This not only opens a deep furrow, but clears the ground for the shoe and makes a looser seed bed. Send for descriptive circular and prices.

# Cucumber Wood Pumps.

In the manufacture of these none but the very best of material is used. Every pump is warranted to give perfect satisfaction.

## PRICE LIST.

Porcelain Lined. Made from 6x6 inch stock, 3½ inch bore, for general use.

	Manufacturer's Price.	R.B.D. & Co.'s Price.
6 feet long.....	\$ 7.00.....	\$3.85
7 feet long.....	7.50.....	4.10
8 feet long.....	8.00.....	4.40
10 feet long.....	9.00.....	5.00
12 feet long.....	10.00.....	5.50
14 feet long.....	11.00.....	6.00

## UNLINED.

7 feet long.....	\$ 6.00.....	\$3.30
8 feet long.....	6.50.....	3.60
4x4 in. pipe for above pumps, per ft..	.18.....	.10
Couplings and bands.....	.50.....	.30

## LARGE STOCK PUMP.

Porcelain Lined. 8x8 inch stock, 4½ inch bore.

	Manufacturer's Price.	R.B.D. & Co.'s Price.
7 feet long.....	\$11.50.....	\$6.90
8 feet long.....	12.50.....	7.50
5x5 inch pipe for pumps, per foot..	.35.....	.21
Couplings and bands.....	.60.....	.36

Prices on extra length Pumps for deep wells furnished on application.



# Hydraulic Ram.

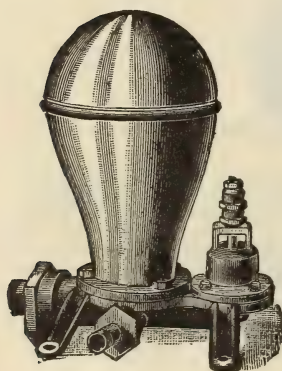
For Supplying Dwellings, Factories, Stock Yards, Etc., with Running Water.

N. B.—Length of the drive or supply pipe should not be less than three-quarters of the height to which the water is to be raised, or five times the height of supply; it may, however, be longer.

## SIZES AND PRICES.

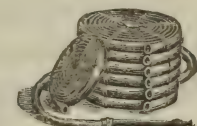
—Calibre of Pipes—

No.	Drive Inches.	Discharge Inches.	Price.
2	¾	¾	\$ 9.00
3	1	¾	11.00
4	1½	1½	14.00
5	2	1	22.00
6	2½	1¼	40.00
7	4	2	75.00
8	6	2½	125.00



Send for Catalogue of Pumps,  
Windmills, Etc.





Garden and Steam  
Hose.



Brass Bibb.



Brass Hose Nozzle.



Elbow.



Coupling.



Tee.



Cross.



Gauze Covered  
Strainers.



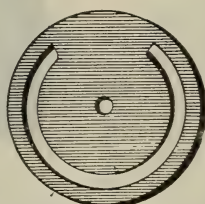
Horizontal  
Check Valve.



Drive  
Well Points.



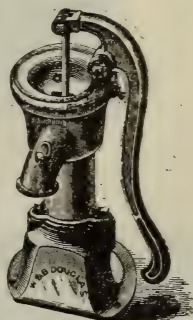
Vertical  
Check Valve.



Pump Leather.



Pump  
Plunger.



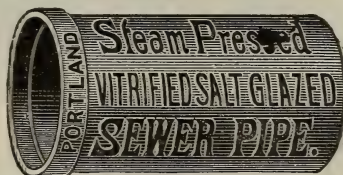
House Pumps.



Pump  
Cylinder.



Radiators.

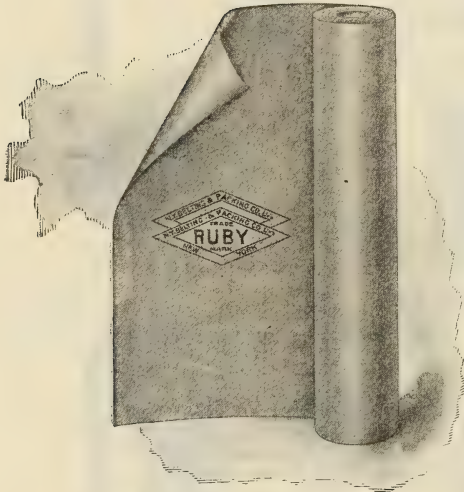


Sewer Pipe.

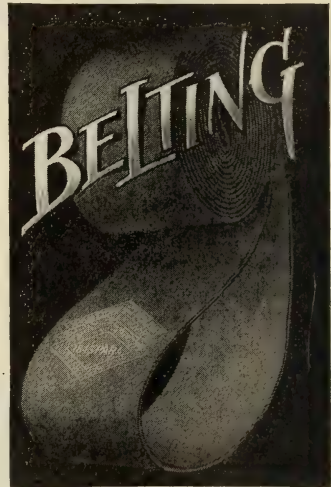
Send for our Special Catalogue of Windmills, Pumps, Water Supplies,  
Pipe and Pipe Fittings.



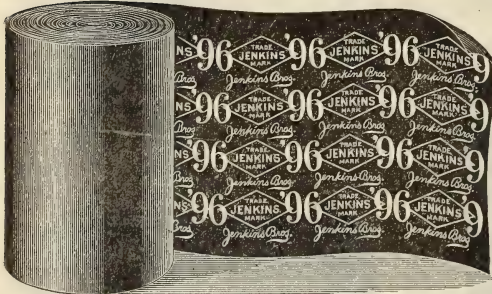
For Steam Joints, Hand Holes and Man Holes.



Ruby Sheet Packing.



Rubber Belting.



Jenkins' 96 Sheet Packing.



Garlock Spiral Piston Packing.

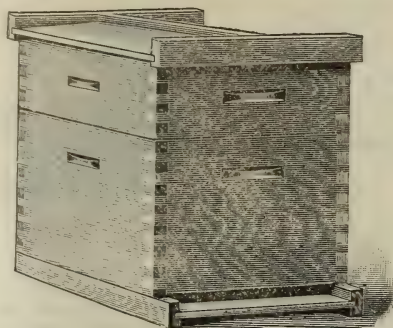
We also carry

Rainbow Sheet Packing, Cloth Inserted Sheet Packing, Square Braided Flax Packing, Steam Whistles, Steam Gages, Fairbanks' Valves, Jenkins Bros.' Valves, Injectors, Lubricators, Oil Cups, Water Gages, etc.

Everything in the line of Engine and Boiler Trimmings, Steam Fitters' Tools, Pipe, Pipe Fittings, etc. Write for prices.



# BEE KEEPERS' SUPPLIES.



## The Dovetailed Hive.

The Dovetailed Hive is taking the lead of the single walled hive, as it contains many of the most desirable features of the various hives for the rapid handling of bees and is one of the cheapest hives manufactured.

It is dovetailed together as shown in cut and that is what gives it its name.

We carry these hives in both eight and ten frame, also fitted with one or two supers as desired. Write for prices.

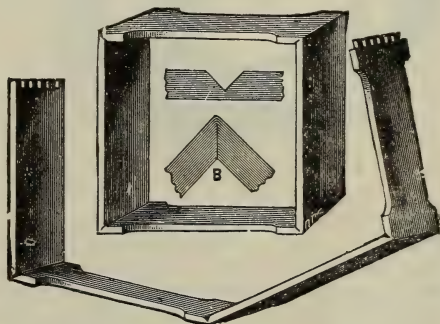
## One Piece Section-Honey Boxes.

These sections are made from selected white basswood and are sand papered and rubbed to a smooth, high polish. We carry nothing but No. 1 sections in stock and are put up in boxes containing 500 each.

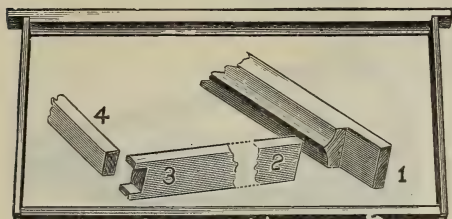
Size  $4\frac{1}{4} \times 4\frac{1}{4}$ , width  $1\frac{7}{8}$  inches, and  $\frac{1}{8}$  in. thick.  
Size  $4\frac{1}{4} \times 4\frac{1}{4}$ , width  $1\frac{1}{2}$  inches, and  $\frac{1}{8}$  in. thick.  
Size  $3\frac{7}{8} \times 5$ , width  $1\frac{1}{2}$  inches, and  $\frac{1}{8}$  in. thick.

### Price List.

Per 100.....\$ .50  
Per 500..... 2.25



## Brood Frames. Thick-Top Frames.



THICK-TOP FRAME.

As thick-top frames, practically prevent the building of burr combs, frames with a thick top bar are almost universally used. This frame has a top bar  $\frac{7}{8}$  inch thick including the comb guide, which is moulded out solid from a piece  $\frac{7}{8}$  inch thick. This leaves the top bar  $\frac{5}{8}$  inch thick on the side. The width of top bars is  $1\frac{1}{8}$  inches. The end bars are  $1 \times \frac{1}{4}$  inch. The bottom bar is  $\frac{1}{4} \times 3\frac{1}{4}$  inch. The projections on top bar are narrowed to  $\frac{3}{4}$  inch in width to allow more room for taking hold of frame.

Price not set up, 3 cents each.

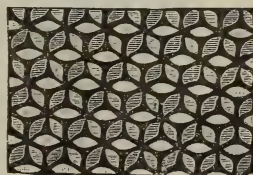
## COMB FOUNDATION.

This foundation is made from the best grade of pure beeswax, and before being made into foundation is entirely cleansed of all foreign substances.

### PRICES.

Standard Brood...55c per lb. Light Section...65c per lb.

If foundation is wanted by mail add 25 cents per pound for postage.



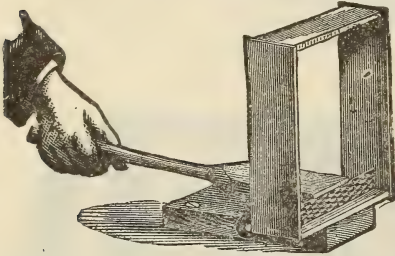
# BEE KEEPERS' SUPPLIES.

## FIVE BAR BEE VEIL.

Has five cross bars riveted through the center at the top. These button to studs on the neckband. The bars are light spring steel, the neckband is of hard spring brass and the cover is of handsome, light material. It is very easily put together—no trouble to put on or take off. It protects against mosquitoes, flies, bees, gnats, etc. The veil weighs only five ounces. Price \$1.00.



## Parker's Machine for Fastening Starters in Section Boxes.



Fasten machine to table with screws that are sent with it. Dampen the under side of point of lever with honey or water to prevent its sticking to the foundation. Place section in position with strip of foundation just under the end of lever; press lever down on foundation by lifting handle, turn foundation up against end of lever and slide lever off of foundation by lifting on handle and drawing it backward, which fastens the foundation to section.

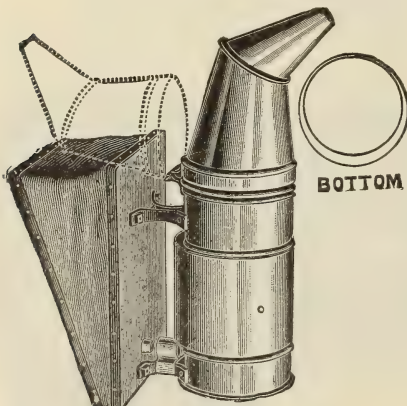
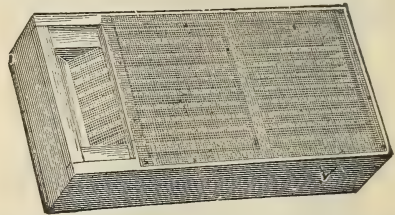
Price for  $4\frac{1}{4} \times 4\frac{1}{4}$  section...30 cents.

By mail.....45 cents.

## PAGE FEEDER.

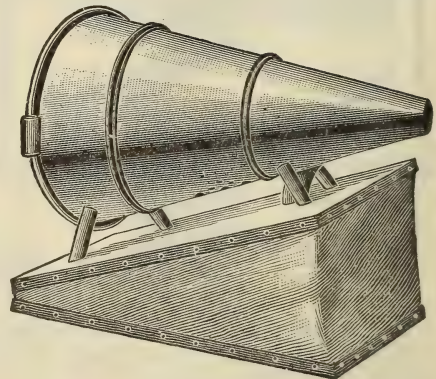
One of the best feeders for feeding over the brood nest. It is made from a solid block of wood and is covered with wire cloth. It has a bee space under bottom and also at top between wire cloth and top of partitions. Bees cannot escape while feeder is being filled. A small hole cut in mat and feeder set over same will be found a convenient way of using it, but it can be used in many ways.

Each nailed up complete, 30c.; by mail, 55c.



**Corneil Smoker.**

Price 85c each. By mail \$1.10 each.



**Clark's Cold Blast Smoker.**

Price 60c. By mail 80c.

We also carry the Cleated Separators or Fences for the  $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$  inch plain section boxes and for the  $3\frac{3}{8} \times 5 \times 1\frac{1}{2}$  inch plain section boxes.



# Books on the Farm, Orchard and Garden.

All Books sent postpaid on receipt of price.

Agriculture, A B C, of Weld.....	\$ .50	Garden Making, Prof. L. H., Bailey...	\$1.00
Agriculture, Manual of, Emerson and Flint.....	1.00	Horticulture, Annals of, Prof. L. H. Bailey.....	1.00
Animal Breeding, Thomas Shaw.....	1.50	Horse Doctor, Modern, G. H. Dadd...	1.00
Apple Culture, Field Notes On, Bailey.....	.75	How Crops Feed, Prof. S. W. Johnson.....	1.50
Asparagus, F. M. Hexamer.....	.50	How Crops Grow, Prof. S. W. Johnson.....	1.50
Barn Plans and Outbuildings.....	1.00	How the Farm Pays, Henderson and Crozier.....	2.00
Bee Culture, A B C of, A. I. Root.....	1.25	Insects and Insecticides, C. M. Weed.....	1.50
Beekeeping Explained, Mysteries of, Quinby.....	1.00	Land Measure for Farmers, Pedder.....	.50
Breeds, Study of, Thomas Shaw.....	1.50	Landscape Gardening, F. A. Waugh.....	.50
Bulbs and Tuberous Rooted Plants, C. L. Allen.....	1.50	Manures, Method of Making, Bommer.....	.25
Cabbage, Cauliflower and Allied Vegetables, Allen.....	.50	Maple Sugar and Sugar Bush, Cook.....	.35
Cabbages, Gregory on.....	.30	Onion Culture, The New, Greiner.....	.50
Capons for Profit, T. Greiner.....	.30	Onions, How to Raise Them.....	.20
Carrot, Mangold-Wurzels, Etc., Gregory on.....	.30	Ornamental Gardening for Americans, Long.....	1.50
Cattle Doctor, American, Prof. George H. Dadd.....	1.00	Pig, Harris on the.....	1.00
Chemistry of the Farm, Warrington.....	1.00	Plums and Plum Culture, F. A. Waugh.....	1.50
Cider Maker's Handbook, Trowbridge.....	1.00	Potato Culture, A B C of, Terry.....	.50
Cows, Milch, Guenon.....	1.00	Poultry Keeper, Practical, L. Wright.....	2.00
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Dairyman's Manual, Henry Stewart.....	1.50	Silos, Ensilage and Silage, Miles.....	.50
Drainage, Farm, French.....	1.00	Small Fruit Culture, A. S. Fuller.....	1.00
Farm Appliances.....	.50	Soiling Crops and the Silo, Thomas Shaw.....	1.50
Farm Homes, Indoors and Outdoors, Leland.....	1.00	Soil of the Farm, The.....	1.00
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Fruit Grower, Practical, Maynard.....	.50	Strawberry, The A B C of the, T. B. Terry and A. I. Root.....	.50
Fruit Harvesting, Marketing, etc., F. A. Waugh.....	1.00	Strawberry Culturist, A. S. Fuller, Illustrated.....	.25
Gardening for Profit, Peter Henderson.....	1.50	Swine Husbandry, F. I. Coburn, Revised Edition.....	1.50
		Wheat Culture, Curtis.....	.50

## Weight of Various Articles.

	Lbs. per Bush.		Lbs. per Bush.
Apples.....	48	Onions.....	54
Apples dried.....	22	Peach Pits.....	48
Barley.....	48	Peas, Smooth.....	60
Beans.....	60	Peas, Wrinkled.....	56
Buckwheat.....	48	Perennial Rye.....	20
Broom Corn.....	46	Potatoes (heaping measure).....	60
Blue Grass, Kentucky.....	14	Rape.....	50
Blue Grass, English.....	24	Rye.....	56
Brans.....	20	Red Top.....	10
Canary Seed.....	60	Salt, Coarse.....	50
Clover Seed.....	60	Salt, Michigan.....	56
Corn, shelled.....	56	Sweet Potatoes.....	56
Corn on ear.....	70	Timothy Seed.....	45
Corn Meal.....	50	Turnips.....	58
Charcoal.....	22	Wheat.....	60
Cranberries.....	40	Flour, per bbl., net. 196 lbs.	
Dried Peaches.....	28	Salt.....per bbl., 280 lbs.	
Flax Seed.....	56		
Fowl Meadow.....	10		Lbs. per Cubic Ft.
Hemp Seed.....	44	Hay, well settled.....	4½
Hungarian.....	48	Corn, on cob, in bin.....	22
Millet.....	50	Corn shelled, in bin.....	45
Oats.....	32	Wheat, in bin.....	48
Osage Orange.....	33	Oats, in bin.....	25½
Orchard Grass.....	14	Potatoes, in bin.....	38½



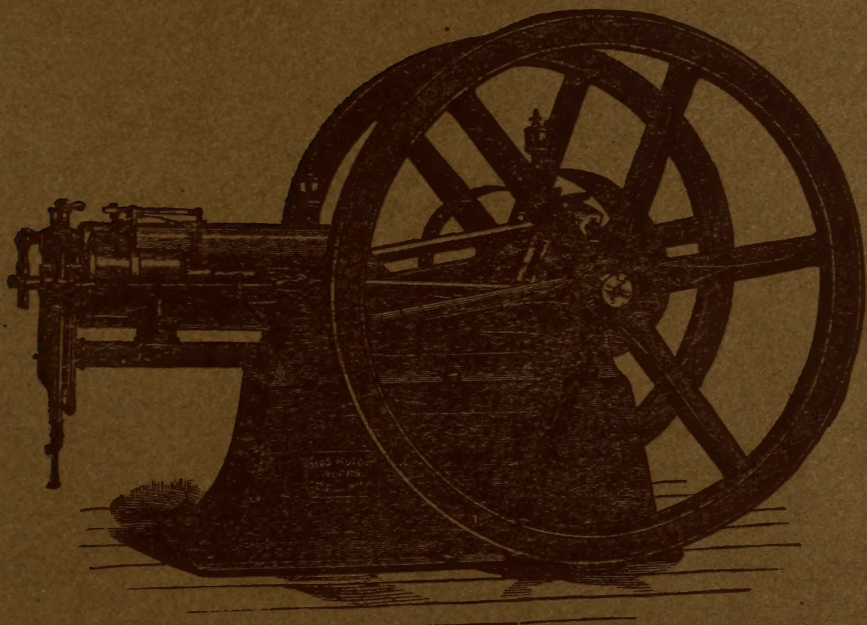
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